

B. T. R.
V. 3 No. 3
Mar. .954
Wood and Forest
Products

4288* Determining the Swelling of Cellulose in Water and Alkaline Solutions. (Russian.) N. V. Rukhin and L. N. Ianchenko. *Bumazhnaya Promyshlennost*, v. 28, no. 11, Nov. 1953, p. 13-17. Investigations showed that character of cellulose swelling in water was changed by increasing drying temperature. Diagrams, graphs, photographs, table. 7 ref.

3
meth
(2)

MA
8-24-54

RYUKHIN, N. V.

B. T. R.
v. 3 No. 3
Mar. .954
Wood and Forest
Products

4288* Determining the Swelling of Cellulose in Water and Alkaline Solutions. (Russian.) N. V. Ryukhin and L. N. Ianchenko. *Bumazhnata Promyshlennost*, v. 28, no. 11, Nov. 1953, p. 13-17.
Investigations showed that character of cellulose swelling in water was changed by increasing drying temperature. Diagrams, graphs, photographs, table. 7 ref.

Determination of the swelling of cellulose in water and in alkali solutions.
Bim.prom. 28 no.11:13-17 N '53. (MLRA 6:11)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy
promyshlennosti. (Wood pulp)

RYUKHIN, N. V.

Electron Microscope

Examining cellulose fiber by electron microscopy, Sum. prom. 28, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PROCESSES AND PROPERTIES INDEX

23

Water permeability and stretching of press felts. N. V. Ryukhin. *Bumashnyi Prom.* 13, No. 6, 35-41 (1956).—A method of calcg. the water permeability of press felts in the process of factory operation and a procedure for lab. testing of the permeability with the aid of the Hertberg app. are tentatively discussed. Some improvements of the app. are suggested. The initial tension and the working stretching of various press felts are tabulated and discussed. Chas. Ilanc

ASME-SEA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS										METALLURGY									
GROUP										SUBJECT									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

ALEKSEYEV, A.A., inzhener, redaktor; ASHKENAZI, K.M., doktor
tekhnicheskikh nauk, redaktor; GRABOVSKIY V.A., kandidat tekhnicheskikh
nauk, redaktor; GORBACHEV, A.N., kandidat tekhnicheskikh nauk, redaktor;
IVANOV, S N., kandidat tekhnicheskikh nauk, redaktor; LARIN, P.S.,
kandidat tekhnicheskikh nauk, redaktor; NEPESHIN, N.N., doktor
tekhnicheskikh nauk, redaktor; PUZYREV, S.A., kandidat
tekhnicheskikh nauk, redaktor; RYUKHIN, N.V., kandidat
tekhnicheskikh nauk, redaktor; FLYATE, D.M., kandidat tekhnicheskikh
nauk, redaktor; SHAPIRO, A D., kandidat tekhnicheskikh nauk, redaktor;
KLIASHBERG, M.G., kandidat tekhnicheskikh nauk, redaktor; PUZYREV,
S.A., redaktor; RYUKHIN, N.V., redaktor; KHUDYAKOVA, A.V., redaktor
izdatel'stva; KARASIK, N.P. tekhnicheskii redaktor

[Paper maker's manual] Spravochnik bumazhnika; tekhnologa. Moskva,
Goslesbumizdat. Vol. 2, book 2. 1957. 433 p. (MLRA 10:4)

1 Leningrad. Tsentral'nyy nauchno-issledovatel'skiy institut
tsellyuloznoy i bumazhnoy promyshlennosti.
(Paper industry)

7

W. R. Henn

1-2-4-6-8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-42-44-46-48-50-52-54-56-58-60-62-64-66-68-70-72-74-76-78-80-82-84-86-88-90-92-94-96-98-100-102-104-106-108-110-112-114-116-118-120-122-124-126-128-130-132-134-136-138-140-142-144-146-148-150-152-154-156-158-160-162-164-166-168-170-172-174-176-178-180-182-184-186-188-190-192-194-196-198-200-202-204-206-208-210-212-214-216-218-220-222-224-226-228-230-232-234-236-238-240-242-244-246-248-250-252-254-256-258-260-262-264-266-268-270-272-274-276-278-280-282-284-286-288-290-292-294-296-298-300-302-304-306-308-310-312-314-316-318-320-322-324-326-328-330-332-334-336-338-340-342-344-346-348-350-352-354-356-358-360-362-364-366-368-370-372-374-376-378-380-382-384-386-388-390-392-394-396-398-400-402-404-406-408-410-412-414-416-418-420-422-424-426-428-430-432-434-436-438-440-442-444-446-448-450-452-454-456-458-460-462-464-466-468-470-472-474-476-478-480-482-484-486-488-490-492-494-496-498-500-502-504-506-508-510-512-514-516-518-520-522-524-526-528-530-532-534-536-538-540-542-544-546-548-550-552-554-556-558-560-562-564-566-568-570-572-574-576-578-580-582-584-586-588-590-592-594-596-598-600-602-604-606-608-610-612-614-616-618-620-622-624-626-628-630-632-634-636-638-640-642-644-646-648-650-652-654-656-658-660-662-664-666-668-670-672-674-676-678-680-682-684-686-688-690-692-694-696-698-700-702-704-706-708-710-712-714-716-718-720-722-724-726-728-730-732-734-736-738-740-742-744-746-748-750-752-754-756-758-760-762-764-766-768-770-772-774-776-778-780-782-784-786-788-790-792-794-796-798-800-802-804-806-808-810-812-814-816-818-820-822-824-826-828-830-832-834-836-838-840-842-844-846-848-850-852-854-856-858-860-862-864-866-868-870-872-874-876-878-880-882-884-886-888-890-892-894-896-898-900-902-904-906-908-910-912-914-916-918-920-922-924-926-928-930-932-934-936-938-940-942-944-946-948-950-952-954-956-958-960-962-964-966-968-970-972-974-976-978-980-982-984-986-988-990-992-994-996-998-1000-1002-1004-1006-1008-1010-1012-1014-1016-1018-1020-1022-1024-1026-1028-1030-1032-1034-1036-1038-1040-1042-1044-1046-1048-1050-1052-1054-1056-1058-1060-1062-1064-1066-1068-1070-1072-1074-1076-1078-1080-1082-1084-1086-1088-1090-1092-1094-1096-1098-1100-1102-1104-1106-1108-1110-1112-1114-1116-1118-1120-1122-1124-1126-1128-1130-1132-1134-1136-1138-1140-1142-1144-1146-1148-1150-1152-1154-1156-1158-1160-1162-1164-1166-1168-1170-1172-1174-1176-1178-1180-1182-1184-1186-1188-1190-1192-1194-1196-1198-1200-1202-1204-1206-1208-1210-1212-1214-1216-1218-1220-1222-1224-1226-1228-1230-1232-1234-1236-1238-1240-1242-1244-1246-1248-1250-1252-1254-1256-1258-1260-1262-1264-1266-1268-1270-1272-1274-1276-1278-1280-1282-1284-1286-1288-1290-1292-1294-1296-1298-1300-1302-1304-1306-1308-1310-1312-1314-1316-1318-1320-1322-1324-1326-1328-1330-1332-1334-1336-1338-1340-1342-1344-1346-1348-1350-1352-1354-1356-1358-1360-1362-1364-1366-1368-1370-1372-1374-1376-1378-1380-1382-1384-1386-1388-1390-1392-1394-1396-1398-1400-1402-1404-1406-1408-1410-1412-1414-1416-1418-1420-1422-1424-1426-1428-1430-1432-1434-1436-1438-1440-1442-1444-1446-1448-1450-1452-1454-1456-1458-1460-1462-1464-1466-1468-1470-1472-1474-1476-1478-1480-1482-1484-1486-1488-1490-1492-1494-1496-1498-1500-1502-1504-1506-1508-1510-1512-1514-1516-1518-1520-1522-1524-1526-1528-1530-1532-1534-1536-1538-1540-1542-1544-1546-1548-1550-1552-1554-1556-1558-1560-1562-1564-1566-1568-1570-1572-1574-1576-1578-1580-1582-1584-1586-1588-1590-1592-1594-1596-1598-1600-1602-1604-1606-1608-1610-1612-1614-1616-1618-1620-1622-1624-1626-1628-1630-1632-1634-1636-1638-1640-1642-1644-1646-1648-1650-1652-1654-1656-1658-1660-1662-1664-1666-1668-1670-1672-1674-1676-1678-1680-1682-1684-1686-1688-1690-1692-1694-1696-1698-1700-1702-1704-1706-1708-1710-1712-1714-1716-1718-1720-1722-1724-1726-1728-1730-1732-1734-1736-1738-1740-1742-1744-1746-1748-1750-1752-1754-1756-1758-1760-1762-1764-1766-1768-1770-1772-1774-1776-1778-1780-1782-1784-1786-1788-1790-1792-1794-1796-1798-1800-1802-1804-1806-1808-1810-1812-1814-1816-1818-1820-1822-1824-1826-1828-1830-1832-1834-1836-1838-1840-1842-1844-1846-1848-1850-1852-1854-1856-1858

[illegible]

RYUKHOV, F.S.; TYSHETSKIY, V.I.
LEKAREV, L.G., professor; RYUKHOV, F.S.; TYSHETSKIY, V.I.

Hospital requirements of the population of Vinnitsa and methods for
its estimation. Vrach.delo no.6:635-639 Je '57. (MLRA 10:8)

1. Kafedra organizatsii zdravookhraneniya i istorii meditsiny (zav. -
prof. L.G.Lekarev) Vinnitskogo meditsinskogo instituta
(VINNITSA--HOSPITALS)

RYUKIN
MALENKO, A.L.; ~~RYUKIN, M.V.~~; NEPENIK, Yu.N., redaktor; MILENKO, L.A.,
redaktor; VOLKHOVER, R.S., tekhnicheskii redaktor.

[Work practices of progressive cellulose technicians in the
paper industry.] Opyt novatorov-tselliuloznikov v bumazhnoi
promyshlennosti. Sostaviteli A.L. Malenko i M.V. Riukhin.
Moskva, Goslesbumizdat, 1954. 38 p. (MLRA 8:3)

1. Russia (1923- U.S.S.R.) Ministerstvo lesnoy i bumazhnoy pro-
myshlennosti.
(Paper industry)

UCHASTKINA, Zoya Vasil'yevna; LUK'YANOV, P.M., professor; ~~RYUKHIN, N.V.~~
redaktor; GRODNITSKAYA, Ye.M., redaktor izdatel'stva; VOLKHOVER,
R.S., tekhnicheskii redaktor

[Russian papermaking technology] Russkaia tekhnika v proizvodstve
bumagi. Pod red. P.M.Luk'ianova. Moskva, Goslesbumizdat, 1954.
145 p. (MLRA 10:3)

(Paper industry--History)

RYUKHIN, N.Y.
ALEKSEYEV, A.A., inzhener, redaktor; **ASHKENAZI, K.M.**, doktor tekhnicheskikh nauk, redaktor; **GRABOVSKIY, V.A.**, kandidat tekhnicheskikh nauk, redaktor; **GORBACHEV, A.N.**, kandidat tekhnicheskikh nauk, redaktor; **IVANOV, S.N.**, kandidat tekhnicheskikh nauk, redaktor; **LARIN, P.S.**, kandidat tekhnicheskikh nauk, redaktor; **NEPENIN, N.N.**, doktor tekhnicheskikh nauk, redaktor; **PUZYREV, S.A.**, kandidat tekhnicheskikh nauk, redaktor; **RYUKHIN, N.Y.**, kandidat tekhnicheskikh nauk, redaktor; **FLYATE, D.M.**, kandidat tekhnicheskikh nauk, redaktor; **SHAPIRO, A.D.**, kandidat tekhnicheskikh nauk, redaktor; **ELIASHBERG, M.G.**, kandidat tekhnicheskikh nauk, redaktor; **KHUDYAKOVA, A.V.**, redaktor izdatel'stva; **KARASIK, N.P.**, tekhnicheskii redaktor

[Paper maker's handbook] Spravochnik bumazhnika (tekhnologa). Moskva, Goslesbumizdat, Vol.2., book 1. 1956. 458 p. (MLRA 10:2)

1. Leningrad Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti (Paper industry)

RYUKHIN, N.V., kandidat tekhnicheskikh nauk; BERKMAN, Ye.M., inzhener.

Improve the quality of paper used for labels. Bum. prom. 31 no.7:
15-16 J1 '56. (MLRA 9:10)

(Paper)

RYUKHIN, N.V.

Conference on the chemistry and technology of lignin. Bum.prom.
31 no.9:31 S '56. (MLRA 9;11)
(Lignin)

RYUKHIN, N.V., kand. tekhn. nauk; ABAKINA, G.N., inzh.

Improving the quality of paper used as film support. Bum. prom.
33 no.12:8-10 D '58. (MIRA 11:12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy
i bumazhnoy promyshlennosti.
(Photography--Printing papers)

ALEKSEYEV, A.A., inzh., red.; ASHKENAZI, K.M., doktor tekhn.nauk, red.;
GRABOVSKIY, V.A., kand.tekhn.nauk, red.; GORBACHEV, A.N., kand.tekhn.
nauk, red.; IVANOV, S.N., kand.tekhn.nauk, red.; LARIN, P.S., kand.
tekhn.nauk, red.; NEFENIN, N.N., doktor tekhn.nauk, red.; PUZYREV,
S.A., kand.tekhn.nauk, red.; RYUKHIN, N.V., kand.tekhn.nauk, red.;
FLYATE, D.M., kand.tekhn.nauk, red.; SHAPIRO, A.D., kand.tekhn.nauk,
red.; ELIASHBERG, M.G., doktor tekhn.nauk, red.; KHUDYAKOVA, A.V.,
red.izd-va; SIDEL'NIKOVA, L.A., red.izd-va; LOBANKOVA, R.Ye., tekhn.red.

[Manual for paper industry technicians] Spravochnik bumazhnika; (tekhno-
loga). Moskva, Goslesbumizdat. Vol.3. 1961. 719 p. (MIRA 14:6)

1. Leningrad. TSentral'nyy nauchno-issledovatel'skiy institut
tsellyuloznoy i bumazhnoy promyshlennosti.
(Paper products)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446510016-3
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446510016-3
BROOKLYN, N.Y. And. colon. rank, ABAKINA, G.N., starshiy inzhener

Raise the technical indices of map paper. Bu. prom. 36 no.2:7-8
F '61. (MIRA 14:2)
(Paper)

RYUKHIN, N.V., kand.tekhn.nauk

It is necessary to keep records of the products and output of paper
in square meters. Bum. prom. 36 no.7:5-6 J1 '61. (MIRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyuloznoy i
bumazhnoy promyshlennosti.

(Paper industry)

RYUKHIN, N.V., kand.tekhn.nauk; RYSOVA, A.P., starshiy nauchnyy sotrudnik

New types of felts for the papermaking machines. Bum.prom. 37 no.
8:19-21 Ag '62. (MIRA 17:2)

RYUKHIN, N.V., kand.tekhn.nauk; SHKARIN, S.A., kand.tekhn.nauk

The problem of the manufacture of bleached sulfate pulp has
to be solved. Bum.prom. 38 no.1:19 Ja '63. (MIRA 1642)
(Woodpulp industry--Research)

RYUKHIN, N.V.; LYADOVA, N.V.

Kaolin and talc from Siberia and Ural deposits. *Bum. prom.*
[38] no.6:26-28 Je '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti.

(Fillers (In paper, paint, etc.)
(Kaolin) (Talc)

RYUKHIN, N.V.

Provide the paper industry with quality industrial felting. Bum.prom.
[38] no.7:22 J1 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut bumazhnoy
promyshlennosti.
(Textile fabrics) (Papermaking machinery)

RYUKHIN, N.V.; BARANOVA, V.N.; SVIRIDOVA, A.I.

Possibilities of improving the whiteness of paper. Bum. prom. no.
2:8-10 F '64. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-
bumazhnoy promyshlennosti.

ROZMAN, I.M.; RYUKHIN, Yu.A.; CHACHAKOV, A.F.

Isolation of carrier-free $\text{Sn}^{117\text{m}}$ and In^{111} from cyclotron target.
Radiokhimiia 6 no.4:500-502 '64. (MIRA 18:4)

KHULELIDZE, D.Ye.; CHIKHLADZE, V.L.; VARTANOV, N.A.; RYUKHIN, Yu.A.

Decay scheme of Te^{117} . Izv. AN SSSR. Ser. fiz. 26 no.8:
1036-1041 Ag '62. (MIRA 15:11)

1. Fiziko-tekhnicheskiy institut AN Gruzinskoy SSR.
(Tellurium--Decay)

VARTANOV, N.A.; ROZMAN, I.M.; RYUKHIN, Yu.A.; CHKUASELI, Z.D.

Use of plastic scintillators for beta-ray spectrometry. Prib. i
tekh. eksp. 7 no.3:62-64 My-Je '62. (MIRA 16:7)
(Scintillation spectrometry)

L 64454-65 EWT(1)/T/EED(b)-3 LJP(c)

ACCESSION NR: AP5019485

UR/0329/65/000/007/0015/0017
676.017

AUTHOR: Ryukhin, N. V.; Sviridova, A. I.

TITLE: Improvement of the quality of photographic paper base

SOURCE: Bumazhnaya promyshlennost', no. 7, 1965, 15-17

TOPIC TAGS: photographic paper, polyvinyl acetate, dibutyl phthalate, paper mechanical property, plasticizer, paper sizing agent, bleaching agent, paper physical property

ABSTRACT: In 1964, investigations were carried out at the VNIIB for the purpose of developing a technological process for treating the base of photographic paper. The effect of various plasticizing and sizing agents on the properties of the paper was studied. Various optically bleaching substances were tested in order to improve the whiteness of the paper base. It was found that surface treatment with a polyvinyl acetate emulsion (of medium viscosity) with dibutyl phthalate as plasticizer improved the mechanical properties of the paper (breaking, rupture length), and the permanent deformation. Paper thus treated was coated with a photosensitive emulsion; the latter adhered very well, and the quality of the photographs obtained with the product was very satisfactory. In order to improve the whiteness of the paper, it is recommended that during the surface treatment the bleaching agent be added directly to the solution of the

Card 1/2

L 64454-65

ACCESSION NR: AP5019485

polyvinyl acetate emulsion. The most pronounced effect was obtained by using the 10-59 domestic dye, and the "Tinopar AN" imported dye. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: VNIIB

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, ES

NO REF SOV: 000

OTHER: 000

Card

llc
2/2

40101

S/048/62/026/008/014/028
B104/B102

24.6600

AUTHORS:

Khulelidze, D. Ye., Chikhladze, V. L., Vartanov, N. A., and
Ryukhin, Yu. A.

TITLE:

Study of Te^{117} decay scheme

PERIODICAL:

Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26,
no. 8, 1962, 1036 - 1041

TEXT: A tin preparation enriched in Sn^{114} to 57% was bombarded with 21-Mev α -particles ($\sim 2 \mu\text{a}$) for about 2.5 hrs. Tellurium was separated chromatographically. The half-life of Te^{117} was determined to be 65 ± 5 min subsequent to the increase and decrease in intensity of the K conversion lines of the γ -transition with $E_\gamma = 160$ kev. The upper limit of the β^+ spectrum was determined to be $E_{\beta^+} = 1810 \pm 20$ kev. Possibly there is a second component with $E_{\beta^+} = 690 \pm 70$ kev. $I_{\beta^+2}/I_{\beta^+1} = 0.07 \pm 0.03$. In the Te^{117} conversion spectrum of 25 - 800 kev, two lines were detected with a half-life of 1.1 ± 0.1 hrs, respectively $E_e = 690 \pm 3$ and $E_e = 716 \pm 4$ kev. These lines are K and L conversion lines of the transition with E_γ .

Card 1/6

2

Study of Te^{117} decay scheme ...

S/048/62/026/008/014/028
B104/B102

$= 720 \pm 4$ kev. $I_K/I_{\beta_1}^+ = (6.2 \pm 0.4) \cdot 10^{-3}$. The gamma lines (Fig. 4) have a half-life of 1.1 hrs. The right-hand decay scheme (Fig. 5) is plotted from these data which is compared with that (left-hand) found by R. W. Fink et al. (Arkiv Fys., 19, 4, 323 (1961)). There are 5 figures and 2 tables. ✓

ASSOCIATION: Fiziko-tehnicheskii institut Akademii nauk GruzSSR (Physico-technical Institute of the Academy of Sciences GSSR)

Card 2/2 2

S/120/62/000/003/011/048
E032/E114

AUTHORS: Vartanov, N.A., Rozman, I.M., Ryukhin, Yu.A., and
Chkuaseli, Z.D.

TITLE: Application of plastic scintillators to
 β -spectrometers

PERIODICAL: Priory i tekhnika eksperimenta, no.3, 1962, 62-64

TEXT: It is pointed out that scintillation β -spectrometers have inferior energy resolution as compared with magnetic spectrometers. However, they may be useful in preliminary experiments. The authors have therefore investigated the possible use of polyvinyl-toluene plastic scintillators in measurements of the end-points of β -spectra. The scintillator was mounted on a high-sensitivity photomultiplier (cathode sensitivity 79 μ A/lumen). Good light collection was ensured by means of a perspex reflector. Back scattering and edge effects were avoided by collimating the β -particle beam with a copper diaphragm. The resolution for the 624 KeV line of Cs137 was found to be 12%. The end points of the β -spectra of P32, Co60, Cs137 and T204 were determined. The results were as follows: 1686 ± 13 KeV (P32);

Card 1/2

CHIKHLADZE, V.L.; KHULELIDZE, D.Ye.; RYUKHIN, Yu.A.

On β - and γ -spectra of Rh⁹⁷. Zhur. eksp. i teor. fiz. 43
no.2:453 Ag '62. (MIRA 16:6)

1. Fiziko-tehnicheskii institut AN Gruzinskoy SSR.
(Rhodium--Spectra)

S/056/62/043/002/014/053
B102/B104

AUTHORS: Chikhladze, V. L., Khulelidze, D. Ye., Ryukhin, Yu. A.

TITLE: β - and γ -spectra of Rh⁹⁷

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 45,
no. 2(8), 1962, 453

TEXT: Ruthenium (purity 99.99%) was irradiated with 10.5-Mev deuterons (30 μ a), then fused with KOH+KNO₃ in an Ag crucible at 750-800°C, solved in water and finally distilled off with a Cl stream. The rhodium remaining in the solution was co-precipitated with iron hydroxide, and the iron was then extracted by a 6.5 N HCl solution. Then the spectra were analyzed. The period of 37 $\pm$ 5 min (γ) and that of 47 $\pm$ 5 min (X-ray) indicates the presence of the Rh^{103m} isomer (E_γ = 40 kev, $T_{1/2}$ = 57 min). The Curie spectrum of the positrons is a straight line. The upper limit E_{β^+} = 2070 $\pm$ 50 kev, log ft = 4.9. Thus the β^+ -transition is allowed. The

Card 1/2

β - and γ -spectra of Rh⁹⁷

S/056/62/043/002/014/053
B102/B104

conversion spectrum consists of the lines $E_{e-} = 166, 182, 233, 252, 398,$
and 415 keV (period ~ 35 min), which are identified as K- and L-conversion
lines of gamma transitions with $E_{\gamma} = 187, 255,$ and 420 keV. ✓

ASSOCIATION: Fiziko-tekhnicheskiy institut Akademii nauk Gruzinskoy SSR
(Physiotechnical Institute of the Academy of Sciences
Gruzinskaya SSR)

SUBMITTED: March 27, 1962

VARTANOV, N.A.; RYUKHIN, Yu.A.; SELINOV, I.P.; CHIKHLADZE, V.L.; KHULELIDZE,
D.Ye.

Beta and gamma-spectra of Te^{117} . Zhur.eksp.i teor.fiz. 41 no.1:303
Jl '61. (MIRA 14:7)

1. Fiziko-tekhnicheskiy institut AN Gruzinskoy SSR.
(Tellurium—Spectra) (Beta rays) (Gamma rays)

NEPEDOV, V.D.; RYUKHIN, Yu.A.; TOROPOVA, M.A.

Study of isotope effects taking place in the course of the
 β -decay of natural lead isotopes. Radiokhimiia 2 no.4:458-463
'60. (MIRA 13:9)

(Lead—Isotopes)

23885
S/186/61/003/001/020/020
A051/A129

213000
AUTHORS: Grachev, S.A., Mel'nikov, V.N., Ryukhin, Yu.A., Toropova, M.A.

TITLE: Separation of Cd^{109} without a carrier from a cyclotron target

PERIODICAL: Radiokhimiya, v 3, no 1, 1961, 116-118

TEXT: The radioactive isotope Cd^{109} is formed when irradiating silver in a cyclotron according to the reaction: $Ag^{109}(d, 2n) Cd^{109}$. The Cd^{109} decays by K-capture with a half-life of 470 days. The energy of the monochromatic gamma-emission $E = 87$ kev. In addition to Cd^{109} the long-lived isotope of silver Ag^{110m} ($T=270$ days) is also formed according to the reaction $Ag^{109}(d,p)Ag^{110m}$. The problem of separating Cd^{109} without a carrier is reduced to the separation of micro-quantities of Cd from larger quantities of silver and copper. Reference is made to certain other methods of Cd separation from silver, such as the thiocyanate method (Ref 1), the ditison method (Refs 2-4), the diethylcarbamate method (Ref 5), and it is pointed out that all these methods are unsuitable for the separation of Cd^{109} without a

Card 1/5

S/186/61/003/001/020/020
A051/A129

Separation of Cd¹⁰⁹ without a carrier ...

carrier in the presence of very large quantities of copper and silver. The authors recommend the following method of Cd¹⁰⁹ separation without a carrier: The target on which the silver was placed was submerged into concentrated nitric acid and the silver layer was dissolved. After washing the target with distilled water, the combined solutions (nitric acid and aqueous) were transferred to a triple-mouth flask (Fig 1). The solution was heated. The silver iodide and copper semi-iodide were precipitated by adding a 10% solution of HI, while mixing. The solution was separated from the precipitate through a porous quartzite filter with a pore size of 20-35 into a separating funnel. The precipitate was washed 2-3 times with a 1% solution of HI, after which the solution was poured into a quartzite container through the lower tap of the separating funnel and was evaporated until dry. The precipitate was processed twice with distilled concentrated HCl with subsequent evaporating until dry, and was dissolved in 10 ml of 2n HCl. The further purification of Cd¹⁰⁹ from copper and traces of silver was conducted by using an ion-exchange column. The column with a diameter of 10 mm and a length of 70 mm was submerged in AB-17 (AB-17) resin with a grain size of 50-100. The resin was washed eliminating iron and transferred to a Cl-con-

Card 2/5

Separation of Cd¹⁰⁹ without a carrier ...

S/186/61/003/001/020/020
A051/A129

tainer. The initial solution was passed through a column at a rate of 0.15 ml per minute. Then the column was rinsed with 70-80 ml of 2 n HCl, whereby traces of copper were removed. Cd¹⁰⁹ was evaporated to the required volume. The radiochemical purity of the obtained sample was checked by taking the gamma-spectrum using a scintillation gamma-spectrometer with automatic registering of the gamma spectra. A NaI crystal was used as the scintillator, having a counting efficiency of the gamma quanta with a 100 kev energy equalling 18%. Fig 2 shows the gamma-spectrum of the initial nitric acid solution containing Cd¹⁰⁹ and Ag^{110m}. The 87 kev energy peaks belong to Cd¹⁰⁹, and the 447, 883, 936 and 1382 kev peaks belong to Ag^{110m}. Fig 3 is the gamma-spectrum of the AgI precipitate. The gamma-spectrum of the Cd¹⁰⁹ sample formed without a carrier is shown in Fig 4. The presence of the only line with an energy of 87 kev in the spectrum indicates the radiochemical purity of the Cd¹⁰⁹ sample obtained. The integral change of the activity of all the gamma-lines with an energy over 100 kev proved that the radioactive contaminations of the sample are much below 0.1%. There are 3 graphs, 1 diagram and 7 references: 3 Soviet-bloc, 4 non-Soviet-bloc.

Card 3/5

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446510016-3
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446510016-3"

NEFEDOV, V.D.; ROZMAN, I.M.; RYUKHIN, Yu.A.; MAKOVEYEV, Ye.A.

Isotope effects during the reaction (n, 2n) in antimony.
Radiokhimiia 5 no.5:643-646 '63. (MIRA 17:3)

"Study of Isotope Effects in Beta-Decay of Natural Isotopes of Lead".

paper submitted for the Symposium on the Chemical Effects of Nuclear Transformation
(IAEA) Prague, 24-27 Oct. 1960.

GRACHEV, S.A.; MEL'NIKOV, V.N.; RYUKHIN, Yu.A.; TOROPOVA, M.A.

Isolation of Cd¹⁰⁹ without a carrier from a cyclotron target.
Radiokhimiia 3 no.1:116-118 '61. (MIRA 14:3)
(Cadmium—Isotopes)

RYUKHINA, T.P., assistant

Iodine content in the waters, soils and plants of some collective and state farms in Kalinin and Torzhok Districts, Kalinin Province.
Trudy KGMI no.10:24-26 '63. (MIRA 18:1)

1. Iz kafedry obshchey khimii, (zav. kafedroy dotsent V.S. Malinovskiy) Kalininskogo gosudarstvennogo meditsinskogo instituta.

L 46726-66 EWT(1) GV

ACC NR: AP6021982

(A, N)

SOURCE CODE: UR/0006/66/000/003/0035/0038

AUTHOR: Ryukhlyuk, Ye. I.; Zebode, I. V.; Krongauz, V. Sh. Nikolayev, N. N. 25
8

ORG: none

TITLE: Line measurements along sequented courses using the AD-1 measuring device

SOURCE: Geodeziya i kartografiya, no. 3, 1966, 35-38 26 12

TOPIC TAGS: surveying instrument, distance measuring equipment / AD-1 distance measuring equipment

ABSTRACT: The device consists of a calibrated disk with a mechanical counter and a braking mechanism mounted in a metal case containing two small reels of steel wire. The total weight of the device is 2.2 kg and its capacity is 1000 m. Line measurement is carried on using the following steps: 1) the steel wire is stretched along a line S; 2) the wire is passed through the reels and the disk; 3) two scales are fixed at the two ends of the wire; 4) the initial reading is taken after braking the disk. Twenty-five measurements of lengths varying from 81-346 m had square errors of 1:20000, 1:22000, 1:17000 under various conditions. A photograph of the device and an operational setup are shown. Orig. art. has: 2 figures, 4 formulas, 1 table.

SUB CODE: 14,08/ SUBM DATE: none

UDC: 528.512

Card 1/1 LL

RYUKHOV, F.S.

Need for doctors with sanitation and epidemiology backgrounds.
Vrach. delo no.5:119-122 My '62. (MIRA 15:6)

1. Kafedra organizatsii zdravookhraneniya i istorii meditsiny
(nav. - prof. L.G. Lekarev) Vinnitskogo meditsinskogo instituta.
(EPIDEMIOLOGY) (PHYSICIANS)

RYUKHOV, F.S. (Vinnitsa)

Medical personnel requirement and the extent they are met. Sov.
zdrav. 21 no.8:30-35 '62. (MIRA 15:11)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny
(zav. - prof. L.G.Lekarev) Vinnitskogo meditsinskogo instituta
imeni N.I.Pirogova.
(PHYSICIANS) (VINNITSA PROVINCE--PUBLIC HEALTH)

RYKIN, S.M.

Kinetics of photodiodes. Zhur.tekh.fiz. 27 no.8:1676-1685 Ag '57.
(MIRA 10:9)

1. Leningradskiy fiziko-tekhnicheskiiy institut.
(Germanium diodes)

LEKAREV, L.G.; KLANTSA, P.A.; RYUKHOV, F.S.; BRESLER, B.S.; VOLOVODOVSKIY,
Ye.M.; NUTEL'S, M.P.

Hospital care requirements of the rural population and methods for
its determination. Sov. zdrav. 16 no.2:30-38 F '57
(MLRA 10:4)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny
(zav.-prof. L.G. Lekarev) Vinnitskogo meditsinskogo
instituta (dir.-dotsent S.I. Korkhov)

(RURAL CONDITIONS

dispensary care requirements of rural population in Russia
methods for determ.)

(OUTPATIENT SERVICES

same)

AVDEYEV, T.K., inzhener; RYUKIN, I.M., inzhener; FILATOV, Ya.Ya., inzhener

Industrial buildings with precast reinforced concrete frames.
Stroi. prom. 33 no.5:16-18 My '55. (MLRA 8:6)
(Precast concrete construction)

TUBIN, S. M. Rukovoditel'-Dots i MALYIGINA, M. M. Inzh., RYUKIN, M. M. Inzh.

Vsesoyuznaya Kontora Tipovogo Proyektirovaniya I Tekhnicheskikh Issledovaniy
(KTIS) Mintyazhstroya

Analiz skhem stal'nykh Konstruktsiy pokrytiy odnoetazhnykh promyshlennykh zdaniy
s 3-M Plitami Page 63

SO: Collections of Annotations of Scientific Research Work on Construction, completed
in 1950. Moscow 1951

RYUKIN, Ya. (Kalgas imya BVA, Lyubanskaga rayena)

Where swamps once were. Rab.1 sial. 33 no.10:12-13 0 '57.

(MIRA 10:10)

(Collective farms)

KOZKO, A.I., inzh.; KONOVALOVA, L.N., inzh.; Prinimali uchastiye: RYUKINA,
A.A.; PONOMAREVA, L.A.; GIREVA, L.M.

Comparative evaluation of methods for determining the coking
capacity of coals. Obog.i brik.ugl. no.14:47-76 '60.

(MIRA 14:5)

(Coal—Testing)

MATYENKO, Boris Timofeyevich; RYULETS, Ye., red.

[Ultrastructure of plants; plant structure and electron
microscopy] Ultrastruktura plantelor; structura plante-
lor la mikroskopul elektronik. Kishineu, Editura Kartia
Moldoveniaske, 1965. 250 p. [In Moldavian] (MIRA 18:12)

Reaction of 4,5-diamino-1-naphthol with carboxylic acids and acid
anhydrides. Khim.nauka i prom. 3 no.6:840-841 '58. (MIRA 12:2)

1. Moskovskiy khimiko-tehnologicheskoy institut imeni D.I. Mende-
leyeva.

(Naphthol) . (Acids, Organic)

RYULINA, A. I., Candidate Chem Sci (diss) -- "Investigation of certain reactions of 1,8-dinitronaphthalene". Moscow, 1959. 8 pp (Min Higher Educ USSR, Moscow Order of Lenin Chem-Tech Inst im D. I. Mendeleyev), 150 copies (KL, No 26, 1959, 123)

5(3)

SOV/63-4-2-38/39

AUTHORS: Vorozhtsov, Junior, N N.; Ryulina, A.I.

TITLE: The Interaction of 1,8-Dinitronaphthalene With Caustic Alkalis and the Following Transformation of the Reaction Product

PERIODICAL: Khimicheskaya nauka i promyshlennost', 1959, Vol 4, Nr 2, pp 286-287 (USSR)

ABSTRACT: A water-methyl alcohol solution of NaOH transforms 1,8-dinitronaphthalene to 4-nitroso-5-nitro-1-naphthol. This substance is hydrated in alcohol on palladium-black to 4,5-diamino-1-naphthol. Oxidation by iron chloride in a hydrochloric medium produces 5-amino-1,4-naphthoquinone. Diazotization in acetic acid by means of nitrosyl sulfuric acid produces a diazo-compound which forms with β -naphthol an azo-dye. Butadiene-1,3 transforms the substance to 1-aminoanthraquinone.

Card 1/2

There are 11 references, 2 of which are Soviet and 9 German.

SOV/63-4-2-38/39

The Interaction of 1,8-Dinitronaphthalene With Caustic Alkalis and the Following Transformation of the Reaction Product

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskij institut imeni D.I. Mendeleyeva
(Moscow Chemical-Technological Institute imeni D.I. Mendeleyev)

SUBMITTED: October 11, 1958

Card 2/2

RYULINA, A.I.; MATOSHINA, K.I.; FOKIN, Ye.P.

Interaction of benzene solutions of 2,3-dipiperidyl-1,4-naphtho-
quinone with hydrogen halides. Izv. SO AN SSSR no.7 Ser. khim
nauk no.2:150-151 '64 (MIRA 18:1)

I. Novosibirskiy institut organicheskoy khimii Sibirskogo otda-
leniya AN SSSR.

AUTHORS: Vorozhtsov jun., N.W., Ryulina, A.I. SOV/63-3-6-45/43

TITLE: Interaction of 4,5-Diamino-1-Naphthol With Carbonic Acids and Anhydride of Acids (Vzaimodeystviye 4,5-diamino-1-naftola s karbonsymi kislotami i anhidridami kislot)

PERIODICAL: Khimicheskaya nauka i promyshlennost', 1958, Vol III, No 6, pp 840-841 (USSR)

ABSTRACT: Heating of dichlorohydrate of 4,5-diamino-1-naphthol with 6 times the same quantity of 85-% formic acid produced the hydrochloric acid salt of 7-oxyperimidin. Other experiments were made with NH_4OH solution, iron chloride, phthalic anhydride, etc. In most cases perimidines were obtained. There are 2 references, 1 of which is Soviet and 1 German.

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskii institut imeni D.I. Mendeleeva (Moscow Chemical-Technological Institute imeni D.I. Mendeleev)

SUBMITTED: October 11, 1958

Card 1/1

USCOMM-DC-60,875

RYUMIN, A.K.

Zeravshan expedition of the Geography Department. Vest. LGU
17 no.12:136-137 '62. (MIRA 15:7)
(Zeravshan Valley--Ice)

RYUMIN, A.K., Prinimala uchastiye: SVARICHEVSKAYA, Z.A.

Relief types in the northern part of Bet-Pak-Dala. Uch.zap.
LGU no.298:56-106 '61. (MIRA 15:2)
(Bek-Pak-Dala--Landforms)

Special geomorphological map used in prospecting for placer mineral
resources. Izv.Vses.geog.ob-va 86 no.3:283-287 My-Je '54. (MLRA 7:6)
(Physical geography--Maps) (Mines and mineral resources)

RYUMIN, A.K.

Theory of the construction of legends for medium and small geomorphological maps [with summary in English]. Vest. LGU 13 no.6:101-118 '58. (MIRA 11:5)

(Geology, Structural--Maps)

IL'INSKIY, G.A.; PLOTNIKOVA, M.I.; RAZUMIKHIN, N.V.; RYUMIN, A.K.; SARSADSKIKH,
N.N.; SVARICHEVSKAYA, Z.A., doktor geogr. nauk; IL'INA, M.Ye., red.;
VODOLAGINA, S.D., tekhn. red.

[Fundamentals of placer deposit surveying] Osnovy poiskov rossypei;
uchebnoe posobie. Leningrad, Izd-vo Leningr. univ., 1961. 122 p.
(MIRA 14:8)

1. Sotrudniki Leningradskogo gosudarstvennogo universiteta im. A.A.
Zhdanova (for Il'inskiy, Razumikhin, Ryumin, Svarichevskaya).
2. Sotrudniki Vsesoyuznogo geologicheskogo instituta (for Sarsadskikh,
Plotnikova)

(Ore deposits) (Geological survey)

POLEZHAYEV, V.G.; KIRIN, L.A.; TUROV, I.S.; RYUMIN, A.V.; PARNES, Ya.A.,
red.; BAIDINA, N.F., tekhn.red.

[Short manual on the control of rodents in rural areas]
Kratkoe rukovodstvo po bor'be s gryzunami v sel'skoi mestnosti.
Moskva, Medgiz, 1962. 56 p. (MIRA 15:4)
(Rodent control)

RYUMIN, A.V., kand.biologicheskikh nauk

Cave painting in the Southern Urals. Inform.sbor.Mezhd.kom.po
izuch.geol.geogr. kar. no.1:189-190 '60. (MIRA 15:4)

1. Bashkirskiy gosudarstvennyy zapovednik.
(Ural Mountains--Cave drawings)

RYUMIN, ^{APPROVED FOR RELEASE: Thursday, September 26, 2002} ^{CIA-RDP86-00513R001446510016-3}
^{SECRET} ^{APPROVED FOR RELEASE: Thursday, September 26, 2002} ^{CIA-RDP86-00513R001446510016-3}

Dissertation: "Body Temperature and Temperature Sensitivity of Birds."
Moscow Fur and Pelt Inst, 27 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836)

Ryumin, A.V.
USSR/General and Special Zoology. Insects

P

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 25770

Author : Ryumin A.V.

Inst : Not Given

Title : Control over Pestiferous Insects by Means of Light and Protective Fauna. (Bor'ba s vrednymi nasokomymi putom primeneniya sveta i zashchitnoi fauny.)

Orig Pub : Izv. AN Turkmen SSR, 1957, No 3, 118-119.

Abstract : No abstract

Card : 1/1

RYUMIN, A.V., kand.biolog.nauk; KLYUSHKIN, P.A., entomolog

Grain disinsectization by the freezing method. Zashch. rast. ot
vred. i bol. 6 no.9:46 S '61. (MIRA 16:5)
(Grain--Disinfection)

RYUMIN, B.

A year of real work. Voen.znan. 30 no.12:7 D '54. (MLRA 8:7)

1. Predsedatel' Molotovskogo rayonnogo komiteta Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Riga--Military education)

APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446510016-3
CIA-RDP86-00513R001446510016-3"

KOMAROV, N.; RYUMIN, G.

Correspondence with readers. Voen. znani. 30 no. 8:23 Ag '54.
(Firearms--Maintenance and repair) (MIRA 8:1)

RYUMIN, G.M.

Efficient utilization of raw materials and production capacities.
Khim.i. tekhn. topl.i masel 5 no.9:64-67 S '60. (MIRA 13:9)

1. Institut neftekhimicheskikh protsessov AN AzSSR.
(Petroleum refineries—Equipment and supplies)

S/081/62/000/013/037/054
B156/B101

AUTHOR: Ryumin, G. M.

TITLE: Advanced processes used in oil refining and the petro-chemistry

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 13, 1962, 528, abstract 13M141 (Novosti نفت. i gaz. tekhn. Neftepererabotka i neftekhimiya, no. 10, 1961, 13-15)

TEXT: Certain technological processes developed at the in-t neftekhim. protsessov AN AzSSR (Institute of Petrochemical Processes AS AzSSR) are briefly examined. [Abstracter's note: Complete translation.]

EL'OVICH, I.I.; RYUMIN, G.M.

Methods for determining the economy of using additives in lubricants. Khim.i tekhn. topl.i masel 6 no.9:54-58 S '61.

(MIRA 14:10)

1. Institut neftekhimicheskikh protsessov AN AzerSSR.
(Lubrication and lubricants—Additives)

KULIYEV, R.Sh.; RYUMIN, G.M.; SAMEDOVA, F.I.; KHYDYROV, B.S.

Selecting an economical plan for the production of aviation oil in
Baku. Khim.i tekhn.topl.i masel 8 no.2:28-31 F '63. (MIRA 16:10)

1. Institut neftekhimicheskikh protsessov AN AzerbSSR.

RYUMIN, G.M.; RASHEVSKAYA, T., red.

[Technical progress and the economics of petroleum refining and petroleum chemistry in Azerbaijan] Tekhnicheskii progress i ekonomika neftepererabotki i neftekhimii Azerbaidzhana. Baku, Azerneshr, 1963. 38 p.
(MIRA 17:5)

RYUMIN, G.M.; KANDALOVA, V.D.; BELAU, R.M.; NAGIYEV, M.F., red.

[Effectiveness of complex petrochemical enterprises of
Transcaucasia] Effektivnost' kompleksnykh neftekhimicheskikh
proizvodstv Zakavkaz'ia. Baku, Izd-vo AN Azerbaidzhanskoi
SSR, 1965. 93 p. (MIRA 18:11)

RYUMIN, G.M.

Production of the "Anaz" plasticizer. Biul.tekh.-ekon.inform.
no.4:8-9 '60. (MIRA 13:11)
(Plasticizers)

Green light for petrochemistry. Neftianik 3 no.11:23 N '58.
(MIRA 12:2)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy institut neftyanoy
promyshlennosti im. V.V.Kuybysheva.
(Petroleum products)

11(4)

SOV/92-58-11-22/36

AUTHOR: Ryumin, G.M. Member of AzNII NP

TITLE: Give the Green Light to the Development of Petrochemistry
(Neftekhimii -- zelenuyu dorogu)

PERIODICAL: Neftyanik, 1958, Nr 11, p 23 (USSR)

ABSTRACT: According to this article the diesel fuel produced from Soviet eastern crudes is characterized by a high content of paraffin. For this reason the Azerbaydzhan Scientific Research Institute of Petroleum Industry developed a new process to deparaffinize diesel fuel with carbamide. In addition to the deparaffinization of motor fuel, this process yields so-called liquid paraffin, from which a high quality washing compound can be obtained. In studying the problem of replacing animal fat by synthetic washing compounds, the above-mentioned institute, assisted by the Baku refinery, developed a process of producing a surface-active substance, the base of which are natural aromatic hydrocarbons extracted from petroleum. The portion of kerosene fraction from which aromatics are removed is used to obtain highly

Card 1/2

11(4)

SOV/92-58-11-22/36

Give the Green Light to the Development of Petrochemistry

calorific motor fuel, while aromatics are treated so as to obtain a synthetic washing compound. The resulting residual sour goudron which contains 60 percent of sulfacid is an excellent raw material, from which neutralized black contact medium (NChK) used as a demulsifier can be produced. The organization of the production of washing compounds having aromatics as a base is particularly important for the eastern regions of the Soviet Union. Several million rubles are saved every year by the Kirovabad soap manufacturing factory thanks to the use of such washing compounds. The question of reducing the consumption of fresh sulfuric acid, so much used in the chemical and petroleum industry, is also very important. In this direction successful efforts were made by the above-mentioned institute in collaboration with the Baku refinery im. Stalin. As a result, the cost of manufacturing automobile lubricating oil was substantially lowered. In conclusion the author states that the introduction of petrochemical methods in the petroleum industry deserves still more attention.

ASSOCIATION: AzNII NP im Kuybysheva (The Azerbaydzhan Scientific Research Institute of Petroleum Industry im. Kuybyshev).

Card 2/2

RYUMIN, G.M.

Planning in the Baku petroleum refineries. Azerb. neft. khoz.
38 no.5:44-45 My '59. (MIRA 12:9)
(Baku--Petroleum--Refining)

RYMIN, G.M.

~~SECRET~~
Economic effectiveness of the AzNII-5 multipurpose additive to oils.
Azerb. neft. khos. 36 no.10:34-35 0 '57. (MIRA 11:2)
(Motor fuels)

S/065/63/000/002/002/008
E194/E484

AUTHORS: Kuliyeu, R.Sh., Ryumin, G.M., Samedova, F.I.,
Khydyrov, B.S.

TITLE: The selection of an economic production method for
aero-engine lubricating oil in Baku

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.2, 1963,
28-31

TEXT: New methods for the production of aviation lubricant oils were investigated because of the running down of the Surakhan resources, where the crudes for the production of oil grade MK-22 were obtained, the low yield and too costly present method. It was found that a mixture of Karachukhur and Kalinino crudes can be satisfactorily used as feed but Kalinino crudes require deasphalting as otherwise they are not economic. Refining trials were made using feed based on mixed Surakhan and Karachukhur and on mixed Surakhan, Karachukhur and Kalinino crudes with the following processing variants: (1) acid-earth treatment; (2) propane deasphalting followed by acid-earth treatment; (3) propane deasphalting followed by adsorption refining;
Card 1/2

S/065/63/000/002/002/008
E194/E484

The selection of an economic ...

(4) propane deasphalting followed by selective solvent refining. Variant (3) gave the highest yield and low running costs but high capital costs because of the need for propane deasphalting and adsorption contacting plant. However, with the mixture of two crudes the capital pay-off time was less than two years and with the three crude mixture less than one year, both of which are acceptable. There are 6 tables.

ASSOCIATION: INKhP AN Azerb.SSR (INKhP AS Azerb.SSR)

RYUMIN, I.F., inzh.

Study of the performance of loaders with raking claws under conditions of upraises. Izv. vys. ucheb. zav.; gor. zhur. 6
no.8:27-33 '63. (MIRA 16:10)

1. Novocherkasskiy politekhnicheskiy institut. Rekomendovana kafedroy rudnichnogo transporta Moskovskogo instituta radioeletro- niki i gornoy elektromekhaniki.

RYUMIN, I.F.; MIKHAYLOV, V.G.

Improvement of the design of the GNL-30 loader and study of its
performance in upraises. Trudy NPI 130:95-104 '61. (MIRA 15:4)
(Coal handling machinery)

1. RYUMIN, I. M. ENG. OSAHLENKO, YE. I.
2. USSR (600)
4. Plastering
7. Plastering work in below freezing weather. Biul. stroi. tekhn. 9
no. 19, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

RYUMIN, N. N.

RYUMIN, N. N. -- "Means of Cultivation and Use of Perennial Lupine As A Fertilizer."
Latvian Agricultural Academy, 1950 (Dissertation for the Degree of Candidate of
Agricultural Sciences)

SO: Izvestiya Ak. Nauk Latvyskoy SSR, No. 9, Sept., 1955

ZHIGLINSKAYA, Yevgeniya Aleksandrovna; KYUMIN, Nikolay Nikolayevich;
TITOV, Timofey Fadeyevich; FEN'KOVA, G.A., red.

[Green manure crops] Sideratsionnye kormovye kul'tury. Le-
ningrad, Kolos, 1965. 263 p. (MIRA 18:4)

CHUVATOV, V.V.; BEREZIN, N.N.; METSGER, E.Kh.; NAGIN, V.A.; KARTASHOV, N.A., kand. tekhn. nauk, dots.; MIL'KOV, N.V., kand. tekhn. nauk; BYCHKOV, M.I., kand. tekhn.nauk, dots.; SUKHANOV, V.P., SHLYAPIN, V.A.; KORZHENKO, L.I.; ABRAMYCHEV, Ye.P.; KAZANTSEV, I.I.; YARES'KO, V.F.; LUKOYANOV, Yu.N.; DUDAROV, V.K.; BALINSKIY, R.P.; KOROTKOVSKIY, A.E.; PONOMAREV, I.I.; NOVOSEL'SKIY, S.A., kand. tekhn.nauk, dots.; IL'INYKH, N.Z.; TSITKIN, N.A.; ROGOZHIN, G.I.; PRAVOTOROV, B.A.; ORLOV, V.D.; RACHINSKIY, M.N.; KULTYSHEV, V.N.; SMAGIN, G.N.; KUZNETSOV, V.D.; MACHERET, I.G.; SHEGAL, A.V.; GALASHOV, F.K.; ANTIPIN, A.A.; SHALAKHIN, K.S.; RASCHUKTAYEV, I.M.; TISHCHENKO, Ye.I.; FOTIYEV, A.F.; IPPOLITOV, M.F.; DOROSINSKIY, G.P.; ROZHKOV, Ye.P.; RYUMIN, N.T.; AYZENBERG, S.L.; GOLUBTSOV, N.I.; VUS-VONSOVICH, I.K., inzh., retsenzent; GOLOVKIN, A.M., inzh., retsenzent; GUSELETOV, A.I., inzh., retsenzent; KALUGIN, N.I., inzh., retsenzent; KRAMINSKIY, I.S., inzh., retsenzent; MAYLE, O.Ya., inzh., retsenzent; OZERSKIY, S.M., inzh., retsenzent; SKOBLO, Ya.A., dots., retsenzent; SPERANSKIY, B.A., kand. tekhn. nauk, retsenzent; SHALAMOV, K.Ye., inzh., retsenzent; VOYNICH, N.F., inzh., red.; GETLING, Yu., red.; CHERNIKHOF, Ya., tekhn. red.

[Construction handbook] Spravochnik stroitel'ia. Red.kollegia: M.I. Bychkov i dr. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo. Vol.1. 1962. 532 p. Vol.2. 1963. 462 p. (MIRA 16:5)
(Construction industry)

"APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446510016-3
CIA-RDP86-00513R001446510016-3"

RYUMIN, P. I.

"Wear and Friction of Metals in Liquid Oxygen," Kislod, No. 4, 1966.

RYUMIN, S., kapitan dal'nego plavaniya

Unloading tankers at landings lacking unloading equipment. Mor. flot.
24 no.8:14-15 Ag '64. (MIRA 18:9)

"APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446510016-3
CIA-RDP86-00513R001446510016-3"

KONSTANTINOV, Yu.; RYUMIN, S.

Growth of accumulations is necessary for building communism. Fin.
SSSR 22 no.10:26-32 0 '61. (MIRA 14:9)
(Capital)

OLEKMINSKIY, S.; RYUMIN, S.

Report analysis of enterprises is the important means for uncovering
potentials. Fin.SSSR 38 no.2:36-43 F '64. (MIRA 17:2)

RYUMIN, S.; USATOV, I.

Analysis of the financial operation of an industrial enter-
prise. Fin.SSSR 20 no.2:60-68 F '59. (MIRA 12:4)
(Russia--Industries)

KUTYREV, S.; RYUMIN, S., redaktor; SUBBOTINA, K., redaktor; LEBEDEV, A.,
tekhnicheskii redaktor.

[Verifying the use of working capital in industrial enterprises]
Proverka ispol'zovaniia oborotnykh sredstv na promyshlennom pred-
priatii. Moskva, Gosfinizdat, 1954. 92 p. [Microfilm] (MIRA 8:2)
(Accounting)

RYUMIN, S.

Hidden potentialities in machine-building factories. Fin. SSSR
16 no.1:34-40 Ja '55. (MLRA 7:12)
(Machinery industry)

~~RYUMIN, S.~~

Development of accounting in the Chinese People's Republic.
Bukhg. uchet. 14 [i. e. 16] no.12:40-44 D '57. (MIRA 11:1)
(China--Accounting)

GUZHKOV, I.; MASAL'SKAYA, N.; RYUMIN, S.

Financial planning in the industry of the members of the Mutual
Economic Assistance Council. Fin. SSSR 37 no.8:30-37 Ag '63.
(MIRA 16:9)

(Mutual economic assistance council)
(Europe, Eastern--Finance)

RYUMIN, S.

Mobilize more fully accumulations of individual production units.
Fin. SSSR 21 no.11:13-19 N'60. (MIRA 13:11)
(Finance) (Industrial management)

B. T. R.
V. No. 3
Mar. .954
Wood and Forest
Products

4288* Determining the Swelling of Cellulose in Water and Alkaline Solutions. (Russian.) N. V. Rukhin and L. N. Ianchenko. *Bumazhnaya Promyshlennost*, v. 28, no. 11, Nov. 1953, p. 13-17. Investigations showed that character of cellulose swelling in water was changed by increasing drying temperature. Diagrams, graphs, photographs, table. 7 ref.

3
meth
(2)

MA
8-24-54

RYUKHIN, N. V.

B. T. R.
v. 3 No. 3
Mar. .954
Wood and Forest
Products

4288* Determining the Swelling of Cellulose in Water and Alkaline Solutions. (Russian.) N. V. Ryukhin and L. N. Ianchenko. *Bumazhnata Promyshlennost*, v. 28, no. 11, Nov. 1953, p. 13-17.

Investigations showed that character of cellulose swelling in water was changed by increasing drying temperature. Diagrams, graphs, photographs, table, 7 ref.

Determination of the swelling of cellulose in water and in alkali solutions.
Bim.prom. 28 no.11:13-17 N '53. (MLRA 6:11)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy
promyshlennosti. (Wood pulp)

RYUKHIN, N. V.

Electron Microscope

Examining cellulose fiber by electron microscopy, Sum. prom. 28, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PROCESSES AND PROPERTIES INDEX

23

Water permeability and stretching of press felts. N. V. Ryukhin. *Bumashkaya Prom.* 13, No. 6, 35-41 (1956).—A method of calcg. the water permeability of press felts in the process of factory operation and a procedure for lab. testing of the permeability with the aid of the Hertberg app. are tentatively discussed. Some improvements of the app. are suggested. The initial tension and the working stretching of various press felts are tabulated and discussed. Chas. Ilanc

ASME-SEA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS										METALLURGY									
GROUP										SUBJECT									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

ALEKSEYEV, A.A., inzhener, redaktor; ASHKENAZI, K.M., doktor
tekhnicheskikh nauk, redaktor; GRABOVSKIY V.A., kandidat tekhnicheskikh
nauk, redaktor; GORBACHEV, A.N., kandidat tekhnicheskikh nauk, redaktor;
IVANOV, S N., kandidat tekhnicheskikh nauk, redaktor; LARIN, P.S.,
kandidat tekhnicheskikh nauk, redaktor; NEPESHIN, N.N., doktor
tekhnicheskikh nauk, redaktor; PUZYREV, S.A., kandidat
tekhnicheskikh nauk, redaktor; RYUKHIN, N.V., kandidat
tekhnicheskikh nauk, redaktor; FLYATE, D.M., kandidat tekhnicheskikh
nauk, redaktor; SHAPIRO, A D., kandidat tekhnicheskikh nauk, redaktor;
KLIASHBERG, M.G., kandidat tekhnicheskikh nauk, redaktor; PUZYREV,
S.A., redaktor; RYUKHIN, N.V., redaktor; KHUDYAKOVA, A.V., redaktor
izdatel'stva; KARASIK, N.P. tekhnicheskiiy redaktor

[Paper maker's manual] Spravochnik bumazhnika; tekhnologa. Moskva,
Goslesbumizdat. Vol. 2, book 2. 1957. 433 p. (MLRA 10:4)

1 Leningrad. TSentral'nyy nauchno-issledovatel'skiy institut
tsellyuloznoy i bumazhnoy promyshlennosti.
(Paper industry)

PROCESSES AND PROPERTIES INDEX

CA

7

Rapid method for determining nickel in used catalyst.
Loseva and Ryukhina. *Novos i Praktike Hidrogenizatsii*
Zhiron, Sbornik Vsesoyuz. Nauch.-Issledovatel. Inst.
Zhiron 1030, 125-6; Khim. Referat. Zhur. 1940, No. 3,
146.—Digest 2 g. of the catalyst from the filter press with
alc. KOH in a 25-ml. flask. Heat on the sand bath for
10 min. Then to hydrolyze any soap formed and to dissolve
all Ni, add 20% H₂SO₄ and 20-25 ml. of HNO₃. Allow
the acid to act for some time in the cold and then heat on a
sand bath. In this way all Ni will be dissolved from a
catalyst with 25% Ni in 30 min. W. R. Henn

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

E-277-172-100-10

REGION 1

REGION 2

REGION 1										REGION 2									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

LEKAREV, L.G., professor; RYUKHOV, F.S.; TYSHETSKIY, V.I.

Hospital requirements of the population of Vinnitsa and methods for
its estimation. Vrach.delo no.6:635-639 Je '57. (MLRA 10:8)

1. Kafedra organizatsii zdravookhraneniya i istorii meditsiny (zav. -
prof. L.G.Lekarev) Vinnitskogo meditsinskogo instituta
(VINNITSA--HOSPITALS)

RYUKIN
MALENKO, A.L.; ~~RYUKIN, M.V.~~; NEPENIK, Yu.N., redaktor; MILENKO, L.A.,
redaktor; VOLKHOVER, R.S., tekhnicheskii redaktor.

[Work practices of progressive cellulose technicians in the
paper industry.] Opyt novatorov-tselliuloznikov v bumazhnoi
promyshlennosti. Sostaviteli A.L. Malenko i M.V. Riukhin.
Moskva, Goslesbumizdat, 1954. 38 p. (MIRA 8:3)

1. Russia (1923- U.S.S.R.) Ministerstvo lesnoy i bumazhnoy pro-
myshlennosti.
(Paper industry)

UCHASTKINA, Zoya Vasil'yevna; LUK'YANOV, P.M., professor; ~~RYUKHIN, N.V.~~
redaktor; GRODNITSKAYA, Ye.M., redaktor izdatel'stva; VOLKHOVER,
R.S., tekhnicheskii redaktor

[Russian papermaking technology] Russkaia tekhnika v proizvodstve
bumagi. Pod red. P.M.Luk'ianova. Moskva, Goslesbumizdat, 1954.
145 p. (MLRA 10:3)

(Paper industry--History)

RYUKHIN, N.Y.
ALEKSEYEV, A.A., inzhener, redaktor; ASHKENAZI, K.M., doktor tekhnicheskikh nauk, redaktor; GRABOVSKIY, V.A., kandidat tekhnicheskikh nauk, redaktor; GORBACHEV, A.N., kandidat tekhnicheskikh nauk, redaktor; IVANOV, S.N., kandidat tekhnicheskikh nauk, redaktor; LARIN, P.S., kandidat tekhnicheskikh nauk, redaktor; NEPENIN, N.N., doktor tekhnicheskikh nauk, redaktor; PUZYREV, S.A., kandidat tekhnicheskikh nauk, redaktor; RYUKHIN, N.Y., kandidat tekhnicheskikh nauk, redaktor; FLYATE, D.M., kandidat tekhnicheskikh nauk, redaktor; SHAPIRO, A.D., kandidat tekhnicheskikh nauk, redaktor; ELIASBERG, M.G., kandidat tekhnicheskikh nauk, redaktor; KHUDYAKOVA, A.V., redaktor izdatel'stva; KARASIK, N.P., tekhnicheskii redaktor

[Paper maker's handbook] Spravochnik bumazhnika (tekhnologa). Moskva, Goslesbumizdat, Vol.2., book 1. 1956. 458 p. (MLRA 10:2)

1. Leningrad Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti (Paper industry)

RYUKHIN, N.V., kandidat tekhnicheskikh nauk; BERKMAN, Ye.M., inzhener.

Improve the quality of paper used for labels. Bum. prom. 31 no.7:
15-16 J1 '56. (MLRA 9:10)

(Paper)

RYUKHIN, N.V.

Conference on the chemistry and technology of lignin. Bum.prom.
31 no.9:31 S '56. (MLRA 9;11)
(Lignin)

RYUKHIN, N.V., kand. tekhn. nauk; ABAKINA, G.N., inzh.

Improving the quality of paper used as film support. Bum. prom.
33 no.12:8-10 D '58. (MIRA 11:12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy
i bumazhnoy promyshlennosti.

(Photography--Printing papers)

ALEKSEYEV, A.A., inzh., red.; ASHKENAZI, K.M., doktor tekhn.nauk, red.;
GRABOVSKIY, V.A., kand.tekhn.nauk, red.; GORBACHEV, A.N., kand.tekhn.
nauk, red.; IVANOV, S.N., kand.tekhn.nauk, red.; LARIN, P.S., kand.
tekhn.nauk, red.; NEFENIN, N.N., doktor tekhn.nauk, red.; PUZYREV,
S.A., kand.tekhn.nauk, red.; RYUKHIN, N.V., kand.tekhn.nauk, red.;
FLYATE, D.M., kand.tekhn.nauk, red.; SHAPIRO, A.D., kand.tekhn.nauk,
red.; ELIASHBERG, M.G., doktor tekhn.nauk, red.; KHUDYAKOVA, A.V.,
red.izd-va; SIDEL'NIKOVA, L.A., red.izd-va; LOBANKOVA, R.Ye., tekhn.red.

[Manual for paper industry technicians] Spravochnik bumazhnika; (tekhno-
loga). Moskva, Goslesbumizdat. Vol.3. 1961. 719 p. (MIRA 14:6)

1. Leningrad. TSentral'nyy nauchno-issledovatel'skiy institut
tsellyuloznoy i bumazhnoy promyshlennosti.
(Paper products)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446510016-3
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446510016-3
BROOKLYN, N.Y. And. telm. nauch. ABAKINA, G.N., starshiy inzhener

Raise the technical indices of map paper. Bu.prom. 36 no.2:7-8
F '61. (MIRA 14:2)
(Paper)

RYUKHIN, N.V., kand.tekhn.nauk

It is necessary to keep records of the products and output of paper
in square meters. Bum. prom. 36 no.7:5-6 J1 '61. (MIRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyuloznoy i
bumazhnoy promyshlennosti.

(Paper industry)

RYUKHIN, N.V., kand.tekhn.nauk; RYSOVA, A.P., starshiy nauchnyy sotrudnik

New types of felts for the papermaking machines. Bum.prom. 37 no.
8:19-21 Ag '62. (MIRA 17:2)

RYUKHIN, N.V., kand.tekhn.nauk; SHKARIN, S.A., kand.tekhn.nauk

The problem of the manufacture of bleached sulfate pulp has
to be solved. Bum.prom. 38 no.1:19 Ja '63. (MIRA 1642)
(Woodpulp industry--Research)

RYUKHIN, N.V.; LYADOVA, N.V.

Kaolin and talc from Siberia and Ural deposits. Bum. prom.
[38] no.6:26-28 Je '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti.

(Fillers(In paper, paint, etc.)
(Kaolin) (Talc)

RYUKHIN, N.V.

Provide the paper industry with quality industrial felting. Bum.prom.
[38] no.7:22 J1 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut bumazhnoy
promyshlennosti.

(Textile fabrics) (Papermaking machinery)

RYUKHIN, N.V.; BARANOVA, V.N.; SVIRIDOVA, A.I.

Possibilities of improving the whiteness of paper. Bum. prom. no.
2:8-10 F '64. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-
bumazhnoy promyshlennosti.

ROZMAN, I.M.; RYUKHIN, Yu.A.; CHACHAKOV, A.F.

Isolation of carrier-free $\text{Sn}^{117\text{m}}$ and In^{111} from cyclotron target.
Radiokhimiia 6 no.4:500-502 '64. (MIRA 18:4)

KHULELIDZE, D.Ye.; CHIKHLADZE, V.L.; VARTANOV, N.A.; RYUKHIN, Yu.A.

Decay scheme of Te^{117} . Izv. AN SSSR. Ser. fiz. 26 no.8:
1036-1041 Ag '62. (MIRA 15:11)

1. Fiziko-tekhnicheskiy institut AN Gruzinskoy SSR.
(Tellurium--Decay)

VARTANOV, N.A.; ROZMAN, I.M.; RYUKHIN, Yu.A.; CHKUASELI, Z.D.

Use of plastic scintillators for beta-ray spectrometry. Prib. i
tekh. eksp. 7 no.3:62-64 My-Je '62. (MIRA 16:7)
(Scintillation spectrometry)

L 64454-65 EWT(1)/T/EED(b)-3 IJP(c)

ACCESSION NR: AP5019485

UR/0329/65/000/007/0015/0017
676.017

AUTHOR: Ryukhin, N. V.; Sviridova, A. I.

TITLE: Improvement of the quality of photographic paper base

SOURCE: Bumazhnaya promyshlennost', no. 7, 1965, 15-17

TOPIC TAGS: photographic paper, polyvinyl acetate, dibutyl phthalate, paper mechanical property, plasticizer, paper sizing agent, bleaching agent, paper physical property

ABSTRACT: In 1964, investigations were carried out at the VNIIB for the purpose of developing a technological process for treating the base of photographic paper. The effect of various plasticizing and sizing agents on the properties of the paper was studied. Various optically bleaching substances were tested in order to improve the whiteness of the paper base. It was found that surface treatment with a polyvinyl acetate emulsion (of medium viscosity) with dibutyl phthalate as plasticizer improved the mechanical properties of the paper (breaking, rupture length), and the permanent deformation. Paper thus treated was coated with a photosensitive emulsion; the latter adhered very well, and the quality of the photographs obtained with the product was very satisfactory. In order to improve the whiteness of the paper, it is recommended that during the surface treatment the bleaching agent be added directly to the solution of the

Card 1/2

L 64454-65

ACCESSION NR: AP5019485

polyvinyl acetate emulsion. The most pronounced effect was obtained by using the 10-59 domestic dye, and the "Tinopar AN" imported dye. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: VNIIB

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, ES

NO REF SOV: 000

OTHER: 000

Card

llc
2/2

40101

S/048/62/026/008/014/028
B104/B102

24.6600

AUTHORS:

Khulelidze, D. Ye., Chikhladze, V. L., Vartanov, N. A., and
Ryukhin, Yu. A.

TITLE:

Study of Te^{117} decay scheme

PERIODICAL:

Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26,
no. 8, 1962, 1036 - 1041

TEXT: A tin preparation enriched in Sn^{114} to 57% was bombarded with 21-Mev α -particles ($\sim 2 \mu\text{a}$) for about 2.5 hrs. Tellurium was separated chromatographically. The half-life of Te^{117} was determined to be 65 ± 5 min subsequent to the increase and decrease in intensity of the K conversion lines of the γ -transition with $E_\gamma = 160$ kev. The upper limit of the β^+ spectrum was determined to be $E_{\beta^+} = 1810 \pm 20$ kev. Possibly there is a second component with $E_{\beta^+} = 690 \pm 70$ kev. $I_{\beta_2^+}/I_{\beta_1^+} = 0.07 \pm 0.03$. In the Te^{117} conversion spectrum of 25 - 800 kev, two lines were detected with a half-life of 1.1 ± 0.1 hrs, respectively $E_e = 690 \pm 3$ and $E_e = 716 \pm 4$ kev. These lines are K and L conversion lines of the transition with E_γ .

Card 1/6 2

Study of Te^{117} decay scheme ...

S/048/62/026/008/014/028
B104/B102

$= 720 \pm 4$ kev. $I_K/I_{\beta^+} = (6.2 \pm 0.4) \cdot 10^{-3}$. The gamma lines (Fig. 4) have a half-life of 1.1 hrs. The right-hand decay scheme (Fig. 5) is plotted from these data which is compared with that (left-hand) found by R. W. Fink et al. (Arkiv Fys., 19, 4, 323 (1961)). There are 5 figures and 2 tables. ✓

ASSOCIATION: Fiziko-tehnicheskii institut Akademii nauk GruzSSR (Physico-technical Institute of the Academy of Sciences GSSR)

Card 2/2 2

S/120/62/000/003/011/048
E032/E114

AUTHORS: Vartanov, N.A., Rozman, I.M., Ryukhin, Yu.A., and
Chkuaseli, Z.D.

TITLE: Application of plastic scintillators to
 β -spectrometers

PERIODICAL: Priory i tekhnika eksperimenta, no.3, 1962, 62-64

TEXT: It is pointed out that scintillation β -spectrometers have inferior energy resolution as compared with magnetic spectrometers. However, they may be useful in preliminary experiments. The authors have therefore investigated the possible use of polyvinyl-toluene plastic scintillators in measurements of the end-points of β -spectra. The scintillator was mounted on a high-sensitivity photomultiplier (cathode sensitivity 79 μ A/lumen). Good light collection was ensured by means of a perspex reflector. Back scattering and edge effects were avoided by collimating the β -particle beam with a copper diaphragm. The resolution for the 624 KeV line of Cs137 was found to be 12%. The end points of the β -spectra of P32, Co60, Cs137 and T204 were determined. The results were as follows: 1686 ± 13 KeV (P32);

Card 1/2

CHIKHLADZE, V.L.; KHULELIDZE, D.Ye.; RYUKHIN, Yu.A.

On β - and γ -spectra of Rh⁹⁷. Zhur. eksp. i teor. fiz. 43
no.2:453 Ag '62. (MIRA 16:6)

1. Fiziko-tehnicheskii institut AN Gruzinskoy SSR.
(Rhodium--Spectra)

S/056/62/043/002/014/053
B102/B104

AUTHORS: Chikhladze, V. L., Khulelidze, D. Ye., Ryukhin, Yu. A.

TITLE: β - and γ -spectra of Rh^{97}

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 45,
no. 2(8), 1962, 453

TEXT: Ruthenium (purity 99.99%) was irradiated with 10.5-Mev deuterons (30 μa), then fused with $\text{KOH}+\text{KNO}_3$ in an Ag crucible at $750-800^\circ\text{C}$, solved in water and finally distilled off with a Cl stream. The rhodium remaining in the solution was co-precipitated with iron hydroxide, and the iron was then extracted by a 6.5 N HCl solution. Then the spectra were analyzed. The period of 37 ± 5 min (γ) and that of 47 ± 5 min (X-ray) indicates the presence of the $\text{Rh}^{103\text{m}}$ isomer ($E_\gamma = 40$ kev, $T_{1/2} = 57$ min). The Curie spectrum of the positrons is a straight line. The upper limit $E_{\beta^+} = 2070\pm 50$ kev, $\log ft = 4.9$. Thus the β^+ -transition is allowed. The

Card 1/2

β - and γ -spectra of Rh⁹⁷

S/056/62/043/002/014/053
B102/B104

conversion spectrum consists of the lines $E_{e-} = 166, 182, 233, 252, 398,$
and 415 kev (period ~ 35 min), which are identified as K- and L-conversion
lines of gamma transitions with $E_{\gamma} = 187, 255,$ and 420 kev. ✓

ASSOCIATION: Fiziko-tekhnicheskiy institut Akademii nauk Gruzinskoy SSR
(Physiotechnical Institute of the Academy of Sciences
Gruzinskaya SSR)

SUBMITTED: March 27, 1962

VARTANOV, N.A.; RYUKHIN, Yu.A.; SELINOV, I.P.; CHIKHLADZE, V.L.; KHULELIDZE,
D.Ye.

Beta and gamma-spectra of Te^{117} . Zhur.eksp.i teor.fiz. 41 no.1:303
Jl '61. (MIRA 14:7)

1. Fiziko-tekhnicheskiy institut AN Gruzinskoy SSR.
(Tellurium—Spectra) (Beta rays) (Gamma rays)

NEPEDOV, V.D.; RYUKHIN, Yu.A.; TOROPOVA, M.A.

Study of isotope effects taking place in the course of the
 β -decay of natural lead isotopes. Radiokhimiia 2 no.4:458-463
'60. (MIRA 13:9)

(Lead—Isotopes)

23885
S/186/61/003/001/020/020
A051/A129

213000
AUTHORS: Grachev, S.A., Mel'nikov, V.N., Ryukhin, Yu.A., Toropova, M.A.

TITLE: Separation of Cd^{109} without a carrier from a cyclotron target

PERIODICAL: Radiokhimiya, v 3, no 1, 1961, 116-118

TEXT: The radioactive isotope Cd^{109} is formed when irradiating silver in a cyclotron according to the reaction: $Ag^{109}(d, 2n) Cd^{109}$. The Cd^{109} decays by K-capture with a half-life of 470 days. The energy of the monochromatic gamma-emission $E = 87$ kev. In addition to Cd^{109} the long-lived isotope of silver Ag^{110m} ($T=270$ days) is also formed according to the reaction $Ag^{109}(d, p) Ag^{110m}$. The problem of separating Cd^{109} without a carrier is reduced to the separation of micro-quantities of Cd from larger quantities of silver and copper. Reference is made to certain other methods of Cd separation from silver, such as the thiocyanate method (Ref 1), the ditison method (Refs 2-4), the diethylcarbamate method (Ref 5), and it is pointed out that all these methods are unsuitable for the separation of Cd^{109} without a

Card 1/5

S/186/61/003/001/020/020
A051/A129

Separation of Cd¹⁰⁹ without a carrier ...

carrier in the presence of very large quantities of copper and silver. The authors recommend the following method of Cd¹⁰⁹ separation without a carrier: The target on which the silver was placed was submerged into concentrated nitric acid and the silver layer was dissolved. After washing the target with distilled water, the combined solutions (nitric acid and aqueous) were transferred to a triple-mouth flask (Fig 1). The solution was heated. The silver iodide and copper semi-iodide were precipitated by adding a 10% solution of HI, while mixing. The solution was separated from the precipitate through a porous quartzite filter with a pore size of 20-35 into a separating funnel. The precipitate was washed 2-3 times with a 1% solution of HI, after which the solution was poured into a quartzite container through the lower tap of the separating funnel and was evaporated until dry. The precipitate was processed twice with distilled concentrated HCl with subsequent evaporating until dry, and was dissolved in 10 ml of 2n HCl. The further purification of Cd¹⁰⁹ from copper and traces of silver was conducted by using an ion-exchange column. The column with a diameter of 10 mm and a length of 70 mm was submerged in AB-17 (AB-17) resin with a grain size of 50-100. The resin was washed eliminating iron and transferred to a Cl-con-

Card 2/5

Separation of Cd¹⁰⁹ without a carrier ...

S/186/61/003/001/020/020
A051/A129

tainer. The initial solution was passed through a column at a rate of 0.15 ml per minute. Then the column was rinsed with 70-80 ml of 2 n HCl, whereby traces of copper were removed. Cd¹⁰⁹ was evaporated to the required volume. The radiochemical purity of the obtained sample was checked by taking the gamma-spectrum using a scintillation gamma-spectrometer with automatic registering of the gamma spectra. A NaI crystal was used as the scintillator, having a counting efficiency of the gamma quanta with a 100 kev energy equalling 18%. Fig 2 shows the gamma-spectrum of the initial nitric acid solution containing Cd¹⁰⁹ and Ag^{110m}. The 87 kev energy peaks belong to Cd¹⁰⁹, and the 447, 883, 936 and 1382 kev peaks belong to Ag^{110m}. Fig 3 is the gamma-spectrum of the AgI precipitate. The gamma-spectrum of the Cd¹⁰⁹ sample formed without a carrier is shown in Fig 4. The presence of the only line with an energy of 87 kev in the spectrum indicates the radiochemical purity of the Cd¹⁰⁹ sample obtained. The integral change of the activity of all the gamma-lines with an energy over 100 kev proved that the radioactive contaminations of the sample are much below 0.1%. There are 3 graphs, 1 diagram and 7 references: 3 Soviet-bloc, 4 non-Soviet-bloc.

Card 3/5

NEFEDOV, V.D.; ROZMAN, I.M.; RYUKHIN, Yu.A.; MAKOVEYEV, Ye.A.

Isotope effects during the reaction (n, 2n) in antimony.
Radiokhimiia 5 no.5:643-646 '63. (MIRA 17:3)

"Study of Isotope Effects in Beta-Decay of Natural Isotopes of Lead".

paper submitted for the Symposium on the Chemical Effects of Nuclear Transformation
(IAEA) Prague, 24-27 Oct. 1960.

GRACHEV, S.A.; MEL'NIKOV, V.N.; RYUKHIN, Yu.A.; TOROPOVA, M.A.

Isolation of Cd^{109} without a carrier from a cyclotron target.
Radiokhimiia 3 no.1:116-118 '61. (MIRA 14:3)
(Cadmium—Isotopes)

RYUKHINA, T.P., assistant

Iodine content in the waters, soils and plants of some collective and state farms in Kalinin and Torzhok Districts, Kalinin Province.
Trudy KGMI no.10:24-26 '63. (MIRA 18:1)

1. Iz kafedry obshchey khimii, (zav. kafedroy dotsent V.S. Malinovskiy) Kalininskogo gosudarstvennogo meditsinskogo instituta.

L 46726-66 EWT(1) GV

ACC NR: AP6021982

(A, N)

SOURCE CODE: UR/0006/66/000/003/0035/0038

AUTHOR: Ryukhlyuk, Ye. I.; Zebode, I. V.; Krongauz, V. Sh. Nikolayev, N. N. 25
8

ORG: none

TITLE: Line measurements along sequented courses using the AD-1 measuring device

SOURCE: Geodeziya i kartografiya, no. 3, 1966, 35-38 26 12

TOPIC TAGS: surveying instrument, distance measuring equipment / AD-1 distance measuring equipment

ABSTRACT: The device consists of a calibrated disk with a mechanical counter and a braking mechanism mounted in a metal case containing two small reels of steel wire. The total weight of the device is 2.2 kg and its capacity is 1000 m. Line measurement is carried on using the following steps: 1) the steel wire is stretched along a line S; 2) the wire is passed through the reels and the disk; 3) two scales are fixed at the two ends of the wire; 4) the initial reading is taken after braking the disk. Twenty-five measurements of lengths varying from 81-346 m had square errors of 1:20000, 1:22000, 1:17000 under various conditions. A photograph of the device and an operational setup are shown. Orig. art. has: 2 figures, 4 formulas, 1 table.

SUB CODE: 14,08/ SUBM DATE: none

UDC: 528.512

Card 1/1 LL

RYUKHOV, F.S.

Need for doctors with sanitation and epidemiology backgrounds.
Vrach. delo no.5:119-122 My '62. (MIRA 15:6)

1. Kafedra organizatsii zdravookhraneniya i istorii meditsiny
(nav. - prof. L.G. Lekarev) Vinnitskogo meditsinskogo instituta.
(EPIDEMIOLOGY) (PHYSICIANS)

RYUKHOV, F.S. (Vinnitsa)

Medical personnel requirement and the extent they are met. Sov.
zdrav. 21 no.8:30-35 '62. (MIRA 15:11)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny
(zav. - prof. L.G.Lekarev) Vinnitskogo meditsinskogo instituta
imeni N.I.Pirogova.
(PHYSICIANS) (VINNITSA PROVINCE--PUBLIC HEALTH)

RYVEIN, S.M.

Kinetics of photodiodes. Zhur.tekh.fiz. 27 no.8:1676-1685 Ag '57.
(MIRA 10:9)

1. Leningradskiy fiziko-tekhnicheskiiy institut.
(Germanium diodes)

LEKAREV, L.G.; KLANTSA, P.A.; RYUKHOV, F.S.; BRISLER, B.S.; VOLOVODOVSKIY,
Ye.M.; NUTEL'S, M.P.

Hospital care requirements of the rural population and methods for
its determination. Sov. zdrav. 16 no.2:30-38 F '57
(MLRA 10:4)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny
(zav.-prof. L.G. Lekarev) Vinnitskogo meditsinskogo
instituta (dir.-dotsent S.I. Korkhov)

(RURAL CONDITIONS

dispensary care requirements of rural population in Russia
methods for determ.)

(OUTPATIENT SERVICES

same)

AVDEYEV, T.K., inzhener; RYUKIN, I.M., inzhener; FILATOV, Ya.Ya., inzhener

Industrial buildings with precast reinforced concrete frames.
Stroi. prom. 33 no.5:16-18 My '55. (MLRA 8:6)
(Precast concrete construction)

TUBIN, S. M. Rukovoditel'-Dots i MALYIGINA, M. M. Inzh., RYUKIN, M. M. Inzh.

Vsesoyuznaya Kontora Tipovogo Projektirovaniya I Tekhnicheskikh Issledovaniy
(KTIS) Mintyazhstroya

Analiz skhem stal'nykh Konstruktsiy pokrytiy odnoetazhnykh promyshlennykh zdaniy
s 3-M Plitami Page 63

SO: Collections of Annotations of Scientific Research Work on Construction, completed
in 1950. Moscow 1951

RYUKIN, Ya. (Kalgas imya BVA, Lyubanskaga rayena)

Where swamps once were. Rab.1 sial. 33 no.10:12-13 0 '57.

(MIRA 10:10)

(Collective farms)

KOZKO, A.I., inzh.; KONOVALOVA, L.N., inzh.; Prinimali uchastiye: RYUKINA,
A.A.; PONOMAREVA, L.A.; GIREVA, L.M.

Comparative evaluation of methods for determining the coking
capacity of coals. Obog.i brik.ugl. no.14:47-76 '60.

(MIRA 14:5)

(Coal—Testing)

MATYENKO, Boris Timofeyevich; RYULETS, Ye., red.

[Ultrastructure of plants; plant structure and electron
microscopy] Ultrastruktura plantelor; structura plante-
lor la mikroskopul elektronik. Kishineu, Editura Kartia
Moldoveniaske, 1965. 250 p. [In Moldavian] (MIRA 18:12)

Reaction of 4,5-diamino-1-naphthol with carboxylic acids and acid anhydrides. Khim.nauka i prom. 3 no.6:840-841 '58. (MIRA 12:2)

1. Moskovskiy khimiko-tehnologicheskoy institut imeni D.I. Mendeleeva.

(Naphthol) . (Acids, Organic)

RYULINA, A. I., Candidate Chem Sci (diss) -- "Investigation of certain reactions of 1,8-dinitronaphthalene". Moscow, 1959. 8 pp (Min Higher Educ USSR, Moscow Order of Lenin Chem-Tech Inst im D. I. Mendeleyev), 150 copies (KL, No 26, 1959, 123)

5(3)

SOV/63-4-2-38/39

AUTHORS: Vorozhtsov, Junior, N N.; Ryulina, A.I.

TITLE: The Interaction of 1,8-Dinitronaphthalene With Caustic Alkalis and the Following Transformation of the Reaction Product

PERIODICAL: Khimicheskaya nauka i promyshlennost', 1959, Vol 4, Nr 2, pp 286-287 (USSR)

ABSTRACT: A water-methyl alcohol solution of NaOH transforms 1,8-dinitronaphthalene to 4-nitroso-5-nitro-1-naphthol. This substance is hydrated in alcohol on palladium-black to 4,5-diamino-1-naphthol. Oxidation by iron chloride in a hydrochloric medium produces 5-amino-1,4-naphthoquinone. Diazotization in acetic acid by means of nitrosyl sulfuric acid produces a diazo-compound which forms with β -naphthol an azo-dye. Butadiene-1,3 transforms the substance to 1-aminoanthraquinone.

Card 1/2

There are 11 references, 2 of which are Soviet and 9 German.

SOV/63-4-2-38/39

The Interaction of 1,8-Dinitronaphthalene With Caustic Alkalis and the Following Transformation of the Reaction Product

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskij institut imeni D.I. Mendeleyeva
(Moscow Chemical-Technological Institute imeni D.I. Mendeleyev)

SUBMITTED: October 11, 1958

Card 2/2

RYULINA, A.I.; MATOSHINA, K.I.; FOKIN, Ye.P.

Interaction of benzene solutions of 2,3-dipiperidyl-1,4-naphtho-
quinone with hydrogen halides. Izv. SO AN SSSR no.7 Ser. khim
nauk no.2:150-151 '64 (MIRA 18:1)

I. Novosibirskiy institut organicheskoy khimii Sibirskogo otda-
leniya AN SSSR.

AUTHORS: Vorozhtsov jun., N.W., Ryulina, A.I. SOV/63-3-6-45/43

TITLE: Interaction of 4,5-Diamino-1-Naphthol With Carbonic Acids and Anhydride of Acids (Vzaimodeystviye 4,5-diamino-1-naftola s karbonsymi kislotami i anhidridami kislot)

PERIODICAL: Khimicheskaya nauka i promyshlennost', 1958, Vol III, No 6, pp 840-841 (USSR)

ABSTRACT: Heating of dichlorohydrate of 4,5-diamino-1-naphthol with 6 times the same quantity of 85-% formic acid produced the hydrochloric acid salt of 7-oxyperimidin. Other experiments were made with NH_4OH solution, iron chloride, phthalic anhydride, etc. In most cases perimidines were obtained. There are 2 references, 1 of which is Soviet and 1 German.

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskii institut imeni D.I. Mendeleeva (Moscow Chemical-Technological Institute imeni D.I. Mendeleev)

SUBMITTED: October 11, 1958

Card 1/1

USCOMM-DC-60,875

RYUMIN, A.K.

Zeravshan expedition of the Geography Department. Vest. LGU
17 no.12:136-137 '62. (MIRA 15:7)
(Zeravshan Valley--Ice)

RYUMIN, A.K., Prinimala uchastiye: SVARICHEVSKAYA, Z.A.

Relief types in the northern part of Bet-Pak-Dala. Uch.zap.
LGU no.298:56-106 '61. (MIRA 15:2)
(Bek-Pak-Dala--Landforms)

Special geomorphological map used in prospecting for placer mineral
resources. Izv.Vses.geog.ob-va 86 no.3:283-287 My-Je '54. (MLRA 7:6)
(Physical geography--Maps) (Mines and mineral resources)

RYUMIN, A.K.

Theory of the construction of legends for medium and small geomor-
phological maps [with summary in English]. Vest. LGU 13 no.6:101-118
'58. (MIRA 11:5)

(Geology, Structural--Maps)

IL'INSKIY, G.A.; PLOTNIKOVA, M.I.; RAZUMIKHIN, N.V.; RYUMIN, A.K.; SARSADSKIKH,
N.N.; SVARICHEVSKAYA, Z.A., doktor geogr. nauk; IL'INA, M.Ye., red.;
VODOLAGINA, S.D., tekhn. red.

[Fundamentals of placer deposit surveying] Osnovy poiskov rossypei;
uchebnoe posobie. Leningrad, Izd-vo Leningr. univ., 1961. 122 p.
(MIRA 14:8)

1. Sotrudniki Leningradskogo gosudarstvennogo universiteta im. A.A.
Zhdanova (for Il'inskiy, Razumikhin, Ryumin, Svarichevskaya).
2. Sotrudniki Vsesoyuznogo geologicheskogo instituta (for Sarsadskikh,
Plotnikova)

(Ore deposits) (Geological survey)

POLEZHAYEV, V.G.; KIRIN, L.A.; TUROV, I.S.; RYUMIN, A.V.; PARNES, Ya.A.,
red.; BAIDINA, N.F., tekhn.red.

[Short manual on the control of rodents in rural areas]
Kratkoe rukovodstvo po bor'be s gryzunami v sel'skoi mestnosti.
Moskva, Medgiz, 1962. 56 p. (MIRA 15:4)
(Rodent control)

RYUMIN, A.V., kand.biologicheskikh nauk

Cave painting in the Southern Urals. Inform.sbor.Mezhd.kom.po
izuch.geol.geogr. kar. no.1:189-190 '60. (MIRA 15:4)

1. Bashkirskiy gosudarstvennyy zapovednik.
(Ural Mountains--Cave drawings)

RYUMIN, ^{"APPROVED FOR RELEASE: Thursday, September 26, 2002} ^{CIA-RDP86-00513R001446510016-3}
^{SECRET} ^{"APPROVED FOR RELEASE: Thursday, September 26, 2002} ^{CIA-RDP86-00513R001446510016-3"}

Dissertation: "Body Temperature and Temperature Sensitivity of Birds."
Moscow Fur and Pelt Inst, 27 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836)

Ryumin, A.V.
USSR/General and Special Zoology. Insects

P

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 25770

Author : Ryumin A.V.

Inst : Not Given

Title : Control over Pestiferous Insects by Means of Light and Protective Fauna. (Bor'ba s vrednymi nasokomymi putom primeneniya sveta i zashchitnoi fauny.)

Orig Pub : Izv. AN Turkmen SSR, 1957, No 3, 118-119.

Abstract : No abstract

Card : 1/1

RYUMIN, A.V., kand.biolog.nauk; KLYUSHKIN, P.A., entomolog

Grain disinsectization by the freezing method. Zashch. rast. ot
vred. i bol. 6 no.9:46 S '61. (MIRA 16:5)
(Grain--Disinfection)

RYUMIN, B.

A year of real work. Voen.znan. 30 no.12:7 D '54. (MLRA 8:7)

1. Predsedatel' Molotovskogo rayonnogo komiteta Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Riga--Military education)

APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446510016-3
CIA-RDP86-00513R001446510016-3"

KOMAROV, N.; RYUMIN, G.

Correspondence with readers. Voen. znani. 30 no. 8:23 Ag '54.
(Firearms--Maintenance and repair) (MIRA 8:1)

RYUMIN, G.M.

Efficient utilization of raw materials and production capacities.
Khim.i. tekhn. topl.i masel 5 no.9:64-67 S '60. (MIRA 13:9)

1. Institut neftekhimicheskikh protsessov AN AzSSR.
(Petroleum refineries—Equipment and supplies)

S/081/62/000/013/037/054
B156/B101

AUTHOR: Ryumin, G. M.

TITLE: Advanced processes used in oil refining and the petro-chemistry

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 13, 1962, 528, abstract 13M141 (Novosti نفت. i gaz. tekhn. Neftepererabotka i neftekhimiya, no. 10, 1961, 13-15)

TEXT: Certain technological processes developed at the in-t neftekhim. protsessov AN AzSSR (Institute of Petrochemical Processes AS AzSSR) are briefly examined. [Abstracter's note: Complete translation.]

EL'OVICH, I.I.; RYUMIN, G.M.

Methods for determining the economy of using additives in lubricants. Khim.i tekhn. topl.i masel 6 no.9:54-58 S '61.

(MIRA 14:10)

1. Institut neftekhimicheskikh protsessov AN AzerSSR.
(Lubrication and lubricants—Additives)

KULIYEV, R.Sh.; RYUMIN, G.M.; SAMEDOVA, F.I.; KHYDYROV, B.S.

Selecting an economical plan for the production of aviation oil in
Baku. Khim.i tekhn.topl.i masel 8 no.2:28-31 F '63. (MIRA 16:10)

1. Institut neftekhimicheskikh protsessov AN AzerbSSR.

RYUMIN, G.M.; RASHEVSKAYA, T., red.

[Technical progress and the economics of petroleum refining and petroleum chemistry in Azerbaijan] Tekhnicheskii progress i ekonomika neftepererabotki i neftekhimii Azerbaidzhana. Baku, Azerneshr, 1963. 38 p.
(MIRA 17:5)

RYUMIN, G.M.; KANDALOVA, V.D.; BELAU, R.M.; NAGIYEV, M.F., red.

[Effectiveness of complex petrochemical enterprises of
Transcaucasia] Effektivnost' kompleksnykh neftekhimicheskikh
proizvodstv Zakavkaz'ia. Baku, Izd-vo AN Azerbaidzhanskoi
SSR, 1965. 93 p. (MIRA 18:11)

RYUMIN, G.M.

Production of the "Anaz" plasticizer. Biul.tekh.-ekon.inform.
no.4:8-9 '60. (MIRA 13:11)
(Plasticizers)

Green light for petrochemistry. Neftianik 3 no.11:23 N '58.
(MIRA 12:2)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy institut neftyanoy
promyshlennosti im. V.V.Kuybysheva.
(Petroleum products)

11(4)

SOV/92-58-11-22/36

AUTHOR: Ryumin, G.M. Member of AzNII NP

TITLE: Give the Green Light to the Development of Petrochemistry
(Neftekhimiya -- zelenuyu dorogu)

PERIODICAL: Neftyanik, 1958, Nr 11, p 23 (USSR)

ABSTRACT: According to this article the diesel fuel produced from Soviet eastern crudes is characterized by a high content of paraffin. For this reason the Azerbaydzhan Scientific Research Institute of Petroleum Industry developed a new process to deparaffinize diesel fuel with carbamide. In addition to the deparaffinization of motor fuel, this process yields so-called liquid paraffin, from which a high quality washing compound can be obtained. In studying the problem of replacing animal fat by synthetic washing compounds, the above-mentioned institute, assisted by the Baku refinery, developed a process of producing a surface-active substance, the base of which are natural aromatic hydrocarbons extracted from petroleum. The portion of kerosene fraction from which aromatics are removed is used to obtain highly

Card 1/2

11(4)

SOV/92-58-11-22/36

Give the Green Light to the Development of Petrochemistry

calorific motor fuel, while aromatics are treated so as to obtain a synthetic washing compound. The resulting residual sour goudron which contains 60 percent of sulfacid is an excellent raw material, from which neutralized black contact medium (NChK) used as a demulsifier can be produced. The organization of the production of washing compounds having aromatics as a base is particularly important for the eastern regions of the Soviet Union. Several million rubles are saved every year by the Kirovabad soap manufacturing factory thanks to the use of such washing compounds. The question of reducing the consumption of fresh sulfuric acid, so much used in the chemical and petroleum industry, is also very important. In this direction successful efforts were made by the above-mentioned institute in collaboration with the Baku refinery im. Stalin. As a result, the cost of manufacturing automobile lubricating oil was substantially lowered. In conclusion the author states that the introduction of petrochemical methods in the petroleum industry deserves still more attention.

ASSOCIATION: AzNII NP im Kuybysheva (The Azerbaydzhan Scientific Research Institute of Petroleum Industry im. Kuybyshev).

Card 2/2

RYUMIN, G.M.

Planning in the Baku petroleum refineries. Azerb. neft. khoz.
38 no.5:44-45 My '59. (MIRA 12:9)
(Baku--Petroleum--Refining)

RYMIN, G.M.

~~SECRET~~
Economic effectiveness of the AzNII-5 multipurpose additive to oils.
Azerb. neft. khos. 36 no.10:34-35 0 '57. (MIRA 11:2)
(Motor fuels)

S/065/63/000/002/002/008
E194/E484

AUTHORS: Kuliyeu, R.Sh., Ryumin, G.M., Samedova, F.I.,
Khydyrov, B.S.

TITLE: The selection of an economic production method for
aero-engine lubricating oil in Baku

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.2, 1963,
28-31

TEXT: New methods for the production of aviation lubricant oils were investigated because of the running down of the Surakhan resources, where the crudes for the production of oil grade MK-22 were obtained, the low yield and too costly present method. It was found that a mixture of Karachukhur and Kalinino crudes can be satisfactorily used as feed but Kalinino crudes require deasphalting as otherwise they are not economic. Refining trials were made using feed based on mixed Surakhan and Karachukhur and on mixed Surakhan, Karachukhur and Kalinino crudes with the following processing variants: (1) acid-earth treatment; (2) propane deasphalting followed by acid-earth treatment; (3) propane deasphalting followed by adsorption refining;
Card 1/2

S/065/63/000/002/002/008
E194/E484

The selection of an economic ...

(4) propane deasphalting followed by selective solvent refining. Variant (3) gave the highest yield and low running costs but high capital costs because of the need for propane deasphalting and adsorption contacting plant. However, with the mixture of two crudes the capital pay-off time was less than two years and with the three crude mixture less than one year, both of which are acceptable. There are 6 tables.

ASSOCIATION: INKhP AN Azerb.SSR (INKhP AS Azerb.SSR)

RYUMIN, I.F., inzh.

Study of the performance of loaders with raking claws under conditions of upraises. Izv. vys. ucheb. zav.; gor. zhur. 6
no.8:27-33 '63. (MIRA 16:10)

1. Novocherkasskiy politekhnicheskii institut. Rekomendovana kafedroy rudnichnogo transporta Moskovskogo instituta radioeletro-
niki i gornoy elektromekhaniki.

RYUMIN, I.F.; MIKHAYLOV, V.G.

Improvement of the design of the GNL-30 loader and study of its
performance in upraises. Trudy NPI 130:95-104 '61. (MIRA 15:4)
(Coal handling machinery)

1. RYUMIN, I. M. ENG. OSAHLENKO, YE. I.
2. USSR (600)
4. Plastering
7. Plastering work in below freezing weather. Biul. stroi. tekhn. 9
no. 19, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

RYUMIN, N. N.

RYUMIN, N. N. -- "Means of Cultivation and Use of Perennial Lupine As A Fertilizer."
Latvian Agricultural Academy, 1950 (Dissertation for the Degree of Candidate of
Agricultural Sciences)

SO: Izvestiya Ak. Nauk Latvyskoy SSR, No. 9, Sept., 1955

ZHIGLINSKAYA, Yevgeniya Aleksandrovna; KYUMIN, Nikolay Nikolayevich;
TITOV, Timofey Fadeyevich; FEN'KOVA, G.A., red.

[Green manure crops] Sideratsionnye kormovye kul'tury. Le-
ningrad, Kolos, 1965. 263 p. (MIRA 18:4)

CHUVATOV, V.V.; BEREZIN, N.N.; METSGER, E.Kh.; NAGIN, V.A.; KARTASHOV, N.A., kand. tekhn. nauk, dots.; MIL'KOV, N.V., kand. tekhn. nauk; BYCHKOV, M.I., kand. tekhn.nauk, dots.; SUKHANOV, V.P., SHLYAPIN, V.A.; KORZHENKO, L.I.; ABRAMYCHEV, Ye.P.; KAZANTSEV, I.I.; YARES'KO, V.F.; LUKOYANOV, Yu.N.; DUDAROV, V.K.; BALINSKIY, R.P.; KOROTKOVSKIY, A.E.; PONOMAREV, I.I.; NOVOSEL'SKIY, S.A., kand. tekhn.nauk, dots.; IL'INYKH, N.Z.; TSITKIN, N.A.; ROGOZHIN, G.I.; PRAVOTOROV, B.A.; ORLOV, V.D.; RACHINSKIY, M.N.; KULTYSHEV, V.N.; SMAGIN, G.N.; KUZNETSOV, V.D.; MACHERET, I.G.; SHEGAL, A.V.; GALASHOV, F.K.; ANTIPIN, A.A.; SHALAKHIN, K.S.; RASCHUKTAYEV, I.M.; TISHCHENKO, Ye.I.; FOTIYEV, A.F.; IPPOLITOV, M.F.; DOROSINSKIY, G.P.; ROZHKO, Ye.P.; RYUMIN, N.T.; AYZENBERG, S.L.; GOLUBTSOV, N.I.; VUS-VONSOVICH, I.K., inzh., retsenzent; GOLOVKIN, A.M., inzh., retsenzent; GUSELETOV, A.I., inzh., retsenzent; KALUGIN, N.I., inzh., retsenzent; KRAMINSKIY, I.S., inzh., retsenzent; MAYLE, O.Ya., inzh., retsenzent; OZERSKIY, S.M., inzh., retsenzent; SKOBLO, Ya.A., dots., retsenzent; SPERANSKIY, B.A., kand. tekhn. nauk, retsenzent; SHALAMOV, K.Ye., inzh., retsenzent; VOYNICH, N.F., inzh., red.; GETLING, Yu., red.; CHERNIKHOF, Ya., tekhn. red.

[Construction handbook] Spravochnik stroitelia. Red.kollegia: M.I. Bychkov i dr. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo. Vol.1. 1962. 532 p. Vol.2. 1963. 462 p. (MIRA 16:5)
(Construction industry)

RYUMIN, P. I.

"Wear and Friction of Metals in Liquid Oxygen," Kislod, No. 4, 1966.

RYUMIN, S., kapitan dal'nego plavaniya

Unloading tankers at landings lacking unloading equipment. Mor. flot.
24 no.8:14-15 Ag '64. (MIRA 18:9)

"APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446510016-3
CIA-RDP86-00513R001446510016-3"

KONSTANTINOV, Yu.; RYUMIN, S.

Growth of accumulations is necessary for building communism. Fin.
SSSR 22 no.10:26-32 0 '61. (MIRA 14:9)
(Capital)

OLEKMINSKIY, S.; RYUMIN, S.

Report analysis of enterprises is the important means for uncovering
potentials. Fin.SSSR 38 no.2:36-43 F '64. (MIRA 17:2)

RYUMIN, S.; USATOV, I.

Analysis of the financial operation of an industrial enter-
prise. Fin.SSSR 20 no.2:60-68 F '59. (MIRA 12:4)
(Russia--Industries)

KUTYREV, S.; RYUMIN, S., redaktor; SUBBOTINA, K., redaktor; LEBEDEV, A.,
tekhnicheskii redaktor.

[Verifying the use of working capital in industrial enterprises]
Proverka ispol'zovaniia oborotnykh sredstv na promyshlennom pred-
priatii. Moskva, Gosfinizdat, 1954. 92 p. [Microfilm] (MIRA 8:2)
(Accounting)

RYUMIN, S.

Hidden potentialities in machine-building factories. Fin. SSSR
16 no.1:34-40 Ja '55. (MLRA 7:12)
(Machinery industry)

~~RYUMIN, S.~~

Development of accounting in the Chinese People's Republic.
Bukhg. uchet. 14 [i. e. 16] no.12:40-44 D '57. (MIRA 11:1)
(China--Accounting)

GUZHKOV, I.; MASAL'SKAYA, N.; RYUMIN, S.

Financial planning in the industry of the members of the Mutual
Economic Assistance Council. Fin. SSSR 37 no.8:30-37 Ag '63.
(MIRA 16:9)

(Mutual economic assistance council)
(Europe, Eastern--Finance)

RYUMIN, S.

Mobilize more fully accumulations of individual production units.
Fin. SSSR 21 no.11:13-19 N'60. (MIRA 13:11)
(Finance) (Industrial management)